APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JULY 3, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 196.

[Second Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Middle Bank lightship.

WITH reference to Notice to Mariners No. 182, dated the 10th instant, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 17 of 1901) that the lightship has been replaced on Middle Bank, and that the usual light will hereafter be exhibited.

This affects Admiralty Chart No. 2389B.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 22nd June 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 197.

[Second Publication.]

INDIA, WEST—BOMBAY COAST.

Harnai—Red occulting light re-exhibited.

THE Bombay Government has given notice (No. 45 of 1901) that the red occulting light at Harnai has been re-exhibited from 15th May 1901.

This Notice affects the following Admiralty Charts:—Karachi to Vengurla, No. 826; Gulf of Kutch to Viziadurg, No. 2736; and Kundari to Boria Pagoda, No. 738: Also, Light List, Part VI, 1901, No. 242a.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 22nd June 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 185.

[Third Publication.]

PACIFIC OCEAN—SANDWICH ISLANDS.

Honolulu harbour—Construction of a sewage pier.

THE British Admiralty has given notice (No. 342 of 1901) that a wooden pier for carrying the sewage of the town to the sea is being constructed on the eastern side of the entrance to Honolulu harbour.

From the inner end of this pier Battery flagstaff bears N. 25° W., distant $1\frac{4}{10}$ cables; from this position it extends seawards on a S. 13° W. bearing about 1,000 yards.

A chimney, which is rather conspicuous, has been built about 20 yards N. 55° W. from the inner end of the pier.

Approximate position, lat. 21° 17½′ N., long. 157° 51¾′ W.

(*Variation 10° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Plan of Honolulu on sheet No. 1510 Honolulu harbour, No. 1378: Also, Pacific islands, vol. III, 1900, page 229.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 17th June 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 186.

[Third Publication.]

PACIFIC OCEAN—JUAN FERNANDEZ.

Cumberland bay—Light temporarily discontinued.

THE British Admiralty has given notice (No. 344 of 1901) that the light shown at the pier head, Cumberland bay, has been temporarily discontinued, and that it will be some time before it can be re-exhibited.

Approximate position, lat. 33° 37′ S., long. 78° 50′ W.

This Notice temporarily affects the following Admiralty Chart:—Cumberland bay, No. 1344 Also, List of Lights, part VII, 1901, No. 181; South America Pilot, part II, 1895, page 441 and Supplement, 1898, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 17th June 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 187.

[Third Publication.]

CHINA—UPPER YANG TSE KIANG.

Sha sze Reach—Rock reported.

THE British Admiralty has given notice (No. 345 of 1901) that a detached rock, with a depth of 5 feet over it, and 10 to 16 feet around it, is reported to exist in the Sha sze reach situated with the white beacon on the western bank bearing N. 46° W., distant 24½ cables and Kwan yin shi joss house S. 24° W.

Approximate position, lat. 30° 14′ N., long. 112° 19′ E.

(*Variation Nil in 1901.*)

This Notice affects the following Admiralty Chart:—Yo chau fu to Kwei chau No. 1115: Also, China Sea Directory, vol. III, 1894, page 502.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department

CALCUTTA, *the 17th June 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 188.

[Third Publication.]

CHINA—EAST COAST.

Nimrod sound—Rock reported.

THE British Admiralty has given notice (No. 346 of 1901) that a rock with a depth of 9 feet over it is reported to exist in Nimrod sound, situated with north-west point of Fern island bearing S. 15° W., distant 6 cables, and Hewett point N. 78° W.

Approximate position, lat. 29° 30½′ N., long. 121° 30′ E.

(*Variation 2° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Kue Shan islands to Yang tse Kiang, No. 1199; Nimrod sound, No. 1583: Also, China Sea Directory, vol. III, 1894, page 331.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 17th June 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 189.

[Third Publication.]

CHINA SEA—PESCADORES ISLANDS.

Reef islands—Position of the shoals in the vicinity.

THE British Admiralty has given notice (No. 348 of 1901) that the following rocks exist in the vicinity of the Reef islands, Rover group:—

1. A rock with a least depth of 2½ fathoms over it, and 9 fathoms around, situated with the north-east extreme of Steeple island bearing N. 40° W., distant 23$\frac{3}{10}$ cables.

   Approximate position, lat. 23° 15½′ N, long. 119° 31¾′ E.

2. A rock with a least depth of 3 feet over it, is situated with Flat rock bearing N 55° E., distant 4¼ cables.
3. A rock with a depth of 4¾ fathoms over it, is situated with Flat rock bearing N. 70° W., distant 6 cables.
4. A shoal with the least depth of 4¼ fathoms extends in the direction of S. 56° E. for a distance of about one mile from the outer rock off the south-eastern extreme of the Reef islands.
5. The 3-fathom contour line of Iwasaki rock extends about one cable in a south-easterly direction from the centre of the shoal.

   Approximate position, lat. 23° 19′ N., long 119° 30′ E.

CAUTION.—The positions of the Reef islands as shown on the chart are stated to be incorrect.

(*Variation Nil in 1901.*)

This Notice affects the following Admiralty Chart:—Pescadores islands, No. 1961: Also, China Sea Directory, vol. III, 1894, page 211; and Supplement, 1898, page 17.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 17th June 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 190.

[Third Publication.]

JAPAN—SOUTH COAST.

Ura Kami harbour—Rock in approach.

THE British Admiralty has given notice (No. 349 of 1901) of the existence of a rock named Handaishi, in the approach to Ura kami harbour; it has a depth of 5½ fathoms over it, and is situated with Kantori saki lighthouse bearing N. 21° E., distant 8¼ cables, and Flat rock, N. 88° W.

Approximate position, lat. 33° 34′ N., long. 135° 57½′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Kii channel to Owasi bay, No. 951 plan of Ura kami harbour on sheet No. 356: Also, China Sea Directory, vol. IV, 1894, page 266.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 17th June 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 191.

[Third Publication.]

JAPAN, SOUTH COAST.

Omai saki—Rocks to the westward.

THE British Admiralty has given notice (No. 350 of 1901) of the existence of the following rocks westward of Omai saki:—

1. A rock, one cable in extent in a northerly and southerly direction, with a least depth of 2¾ fathoms over it, situated with Omai saki lighthouse bearing N. 89° E., distant 2¼ miles, and the entrance to the stream about ¾ mile eastward of the village of Shinjo, N. 11° W.
2. A rock, about 2 cables in extent in a north-westerly direction, with a least depth of 3¾ fathoms over it, situated with Omai saki lighthouse bearing S. 80° E. distant 2 9/10 miles, and the entrance of the above-mentioned stream, N. 40° E.

Approximate position, lat. 34° 36′ N., long. 138° 10½′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Kii channel to Yedo, No. 996; Omai saki to Tsurugi saki, No. 953: Also, China Sea Directory, vol IV, 1894, page 288; and Supplement, 1898, page 15.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 17th June 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 192.

[Third Publication.]

AUSTRALIA—QUEENSLAND.

Cleveland bay—Wreck marked by buoy.

THE British Admiralty has given notice (No. 351 of 1901) that the wreck of a small steam vessel lies sunk in Cleveland bay 1½ miles N. 85° W. from Cape Cleveland.

The position of the wreck is marked by a green buoy.

Approximate position, lat. 19° 10¾′ S., long. 146° 59½′ E.

CAUTION.—Mariners are warned that this wreck lies in the route usually taken by essels rounding Cape Cleveland from the eastward.

(*Variation 7° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Whitsunday island to Magnetic land, No. 848; Cleveland bay, No. 1102: Also, Australia Directory, vol. II, 1898, page 91.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 17th June 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 193.

[Third Publication.]

JAPAN—SIMONOSEKI STRAIT.

Takase shoal—Marked by light buoy.

WITH reference to Notice to Mariners No. 137, dated the 6th May 1901, issued by this fice, the British Admiralty has given further notice (No. 355 of 1901) that the 3½ fathoms oal in Simonoseki strait, now named Takase, is marked by an iron conical light buoy, inted red, exhibiting a *white occulting* light (light, *four seconds*; eclipse, *two seconds*), oored in a depth of 4¾ fathoms, with Manaita rock beacon bearing N. 19° W., distant 5½ bles, and Naruse beacon N. 62° E.

Approximate position, lat. 33° 54½′ N., long. 130° 54′ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Hirado no seto to Simonoseki strait o. 127; Simonoseki strait, No. 532: Also, China Sea Directory, vol. IV, 1894, page 433; d Supplement, 1898, page 25.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 17th June 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 194.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

False Point anchorage—A sunken cargo boat.

THE Port Officer, False Point, reports that a cargo boat laden with rice has sunk to the th of False Point anchorage; a small portion only of the mast being visible at low ter. A small buoy has been placed to mark the position of the wreck. It will be replaced, soon as the weather permits, by a green painted wreck buoy. A depth of 12 feet of ter was found over the wreck and 25 feet around it.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

ALCUTTA, *the 17th June 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 195

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Spit light vessel replaced.

WITH reference to Notice to Mariners No. 144, dated the 11th May last, issued by th office, further information has been received from the Port Officer, Rangoon, that the Sp light vessel showing a fixed white light, visible all round the horizon at a distance of 12 mile has been replaced; S. 58¼°E. magnetic, distance 2·8 miles from Elephant Point obeli The temporary light vessel has been withdrawn.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 17th June 1901.*

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JULY 10, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 198.

[First Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACHES.

Reported reef north-west of Cook reef.

THE Port Master, Brisbane, has given notice (No. 11 of 1901) of the existence of a reef about 8 miles N.N.W. from Cook Reef in approximately—

Latitude	10° 15′ South
Longitude	140° 30′ East.

The reef is one-third (⅓) mile in length and two hundred (200) yards in breadth.

Chart affected—No. 447, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—(No. 199.)

[First Publication.]

INDIA, WEST—BOMBAY COAST.

Buoys between Alibag and Vengurla removed for the South-west Monsoon.

THE Bombay Government has given notice (No. 50 of 1901) that the undermentioned buoys between Alibag and Vengurla were removed from their positions for the South-west Monsoon on the dates noted against them.

Alibag Buoy ...	... on 21st May 1901.
Bankot Buoys ...	... on 19th " "
Anjanwel Buoy ...	... on 15th " "
Ambulgad Reef Buoy (Jaitapur)	... on 18th " "
Chaldea Rock Buoy ...	... on 16th " "
Malvan Outer Rock Buoy	... on 18th " "
Johnstone Castle Buoy	... on 19th " "
Malvan Harbour Buoys	... on 18th " "

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 200.

[First Publication.]

AUSTRALIA—VICTORIA.

Port Phillip, west channel—Shoals formed.

THE British Admiralty has given notice (371 of 1901) that shoal patches, with a depth of 17 feet over them at low water, have formed in West channel, Port Phillip, between Nos. 5 and 8 buoys, distant about 150 yards from the latter.

Approximate position, latitude, 38° 14′ S.; longitude 144° 43½′ E.

This Notice affects the following Admiralty Chart:—Port Phillip, No. 2747a: Also, Australia Directory, vol. I., 1897, page 449; and Supplement, 1 900, page 17.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 1st July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 201.

[First Publication.]

EASTERN ARCHIPELAGO—FLORES.

Maumari approach—Reef reported.

THE British Admiralty has given notice (No. 389 of 1901) that a reef which breaks when there is any sea, is reported to exist about 4 miles N. 7° W. from the anchorage at Maumari.

Approximate position, lat. 8° 30′ S., long. 122° 10′ E.

(*Variation 2° Easterly in 1901.*)

This notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942a: Also Eastern Archipelago, part II, 1893, page 254.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 1st July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 202.

[First Publication.]

INDIA, WEST—GOA COAST.

Light—Buoy.

THE Port Officer, Murmagoa, has given notice that the red light marking the extremity of the breakwater has been suppressed, and this suppression shall continue during the S.-W. monsoon; and that the buoy marking the rock at the entrance of Murmagoa has been removed altogether.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 203.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Oyster Reef buoy adrift.

A TELEGRAPHIC communication has been received from the Port Officer, Rangoon, that the Oyster Reef buoy has broken adrift and was last seen by the light-keeper on Oyster island, drifting to the northward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 204.

[First Publication.]

AUSTRALIA, SOUTH COAST—PORT ADELAIDE RIVER APPROACH.

Wonga shoal light—Date of exhibition—Light buoy, &c.

WITH reference to Notice to Mariners No. 115, dated 22nd April 1901, issued by this office, the British Admiralty has given further notice (No. 395 of 1901) that on 1st July 1901, a first order *white flashing* light *every thirty seconds*, visible in clear weather from a distance of 17 miles, will be exhibited from a screw pile tower, painted red with white dwelling, erected in a depth of 17 feet, on Wonga shoal. From it the green light on Semaphore jetty head bears S. 70° E., distant 13 cables, and Largs bay jetty head N. 74° E.

Approximate position, lat. 34° 50½′ S., long. 138° 27′ E.

Also, that on the same date the red buoy at the river entrance, situated ·6 cables S. 46° W. from the reflecting beacon, would be replaced by a light buoy exhibiting a *white occulting* light. The revolving white light also, on the south side of the river entrance, will be discontinued and the lighthouse removed.

(*Variation 5° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—St. Vincent and Spencer gulfs, Nos. 2389a, b; port Adelaide, Nos. 1752, 1750: Also, List of Lights, part VI, 1901, No. 1070; and Australia Directory, vol. I, 1897, page 331.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 205.

[First Publication.]

AUSTRALIA, SOUTH COAST—SPENCER GULF APPROACH.

Neptune islands—Particulars of intended light.

WITH reference to Notice to Mariners No. 82, dated 30th March 1901, issued by this office, the British Admiralty has given further notice (No. 396 of 1901) that the light it is intended to exhibit, in October next, from a lighthouse now in course of construction on the southernmost island of the South Neptune islands, Spencer gulf approach, will be a second order *white group flashing* light showing groups of *three flashes* every *fifty seconds*, thus:—flash, eclipse *ten seconds*, flash, eclipse *ten seconds*, flash, eclipse *thirty seconds*. It will be elevated 179 feet above high water, visible in clear weather from a distance of 20 miles, and shown from an iron structure, painted red, situated on the summit of the island.

Approximate position, lat. 35° 20′ S., long. 136° 7′ E.

This Notice affects the following Admiralty Charts:—Cape Catastrophe to Great Australian bight, No. 1061; Gulf of St. Vincent, &c., No. 2389a: Also, List of Lights, part VI, 1901, No. 1066a; Australia Directory, vol. I, 1897, page 169; and Supplement, 1900, page 12.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 206.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH COAST.

Barito river entrance—Alteration in buoyage.

THE British Admiralty has given notice (No. 397 of 1901) that the following alterations would be made during the month of May in the buoyage of the entrance to the Barito river :—

1. The fairway buoy (black conical), situated 5½ miles S. 28° W. from Burung point, would be replaced by a light buoy, painted black, exhibiting a *white occulting* light every *forty seconds*, thus :—light *twenty-five seconds*, eclipse *fifteen seconds*.
2. The white conical buoy, situated 3½ miles S. 62° W. from Burung point, would be replaced by a light buoy, painted white, exhibiting a *white occulting* light every *thirty seconds*, thus :—light *twenty seconds*, eclipse *ten seconds*.

The remaining buoys—viz., 4 black and 4 white—at the entrance would be withdrawn.

Approximate position, Burung point, lat. 3° 34′ S., long. 114° 30′ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts :—Eastern Archipelago, No. 941b ; plan of Barito river, on sheet No. 2662 : Also, Eastern Archipelago, part II, 1893, page 296 ; and Supplement, 1899, page 32.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 6th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 207.

[First Publication.]

AUSTRALIA—QUEENSLAND—PRINCESS CHARLOTTE BAY.

Wikingen shoal, and 3-fathom patch—Non-existence of—Clark bank, depth on—.

THE following Notice to Mariners (No. 400 of 1901) issued by the British Admiralty is republished :—

Information, dated 1st April 1901, has been received from Lieutenant and Commander C. E. Monro, H. M. surveying vessel *Dart*, that he had sounded over the supposed position of the Wikingen shoal in Princess Charlotte bay, without discovering any sign of danger. As this shoal has been searched for on previous occasions without success, and as it was originally reported as being partially dry at low water, it is believed not to exist, and has consequently been expunged from the Admiralty charts.

Also, with reference to Notice to Mariners No. 393 of 1893 (210 of 1893 issued by this office) further search has been made for the coral patch reported to exist in lat. 14° 12′ S., long. 143° 55′ E., without effect. It is therefore considered that this danger is identical with the 3-fathom patch (now named Olive) situated in lat. 14° 11′ S., long. 143° 56′ 05″ E., as was stated was probably the case, in Notice to Mariners No. 813 of 1900 (No. 3 of 1901 issued by this office). The southern shoal has therefore been expunged.

Although H. M. S. *Dart* closely examined Clark bank, lat. 14° 7′ S., long. 143° 56′ E., also originally reported in Notice to Mariners No. 393 of 1893, without obtaining less depths than 5 fathoms, it is probable that there is as little as 3½ fathoms on this danger, as Mr. Clark states he sounded in that depth on a pinnacle. The 3½ fathoms has therefore been inserted on the Admiralty Chart.

This Notice affects the following Admiralty Chart :—Turtle group to Claremont point, No. 2922 : Also, Australia Directory, vol. II, 1898, page 384.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 208.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Toran and Niamuk islands—Beacons abolished.

THE British Admiralty has given notice (No. 402 of 1901) that the stone beacons on the islands Toran and Niamuk have fallen down and will not again be rebuilt; they should therefore be expunged from the Chart.

Approximate position, Toran island, lat. 1° 2′ S., long. 100° 10′ E.

Approximate position, Niamuk island, lat. 1° 16′ S., long. 100° 17′ E.

This Notice affects the following Admiralty Chart:—Ujong Masang to Ujong Indrapura No. 709: Also, China Sea Directory, vol. I, 1896, pages 296 and 300.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 209.

[First Publication.]

CHINA SEA—EASTERN ARCHIPELAGO.

Strait of Durian—Reef near Little Durian island.

THE British Admiralty has given notice (No. 403 of 1901) that a reef with 2 fathoms over it, and about 55 yards in diameter, has been reported by the Master of the Netherlands S.S. *Reynst* to exist in the Strait of Durian.

It is situated with the south point of South Passage island bearing S. 88° W., distant 7 cables, and the south point of Little Durian island S. 53° E.

Approximate position, lat. 0° 43′ N., long. 103° 40′ E.

(*Variation 1° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Durian, Sugi and Chombol Straits, No. 2402: Also, China Sea Directory, vol. I, 1896, page 557; and Supplement, 1899, page 42.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 210.

[First Publication.]

BAY OF BENGAL—MOULMEIN RIVER APPROACH.

Double island light—Amended arc of visibility.

NOTICE TO MARINERS (No. 405 of 1901) issued by the British Admiralty is republished.

The following information, dated 23rd March 1901, has been received from Commander T. H. Heming, R.N., in charge of the Marine Survey of India, respecting the arc of visibility of Double island light, Moulmein river approach:—

Double island light is visible from the bearing N. 8° W., through east, to S. 26° E., it is obscured from S. 26° E. to S. 17° E., and is again visible between S. 17 E. and Amherst point.

Approximate position, lat. 15° 52′ N., long. 97° 34′ E.

(*Variation 1° easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Koronge island to White point, No. 823: Also, List of Lights, part VI, 1901, No. 373; and Bay of Bengal Pilot, 1892, page 352.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 211.

[First Publication.]

INDIA, WEST—MALABAR COAST.

Shoal water between Nircum and Porkaud.

THE Master of the S.S. *Bhundara* has given notice of shoaler water than is shown on the chart, 4 miles off the coast between Nircum and Porkaud. The vessel passed Alleppey lighthouse, distance about 4¼ miles, in 8 fathoms, steering S. 16° E. mag., and when about abreast of Nircum the water suddenly shoaled from 7 to 5 fathoms, and with Porkaud S. 73° E. mag., Alleppey lighthouse N. 15° E. mag., to 4¾ fathoms, which depth was carried until Porkaud bore N. 75° E. mag. and Alleppey lighthouse N. 6° E. mag., when it suddenly deepened to 7 fathoms. Course was then altered straight for Porkaud; the water deepening to 8 fathoms, which depth was maintained for some distance, when the soundings gradually shoaled to 5½ fathoms, in which water the vessel anchored on the following bearing:—

Porkaud flagstaff N. 75° E.
Alleppey lighthouse N. 3° W. mag:

Mariners are accordingly warned.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 196.

[Third Publication.]

AUSTRALIA, SOUTH—SPENCER GULF.

Middle Bank lightship.

WITH reference to Notice to Mariners No. 182, dated the 10th instant, issued by this office, the President, Marine Board, Port Adelaide, has given further notice (No. 17 of 1901) that the lightship has been replaced on Middle Bank, and that the usual light will hereafter be exhibited.

This affects Admiralty Chart No. 2389B.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 22nd June 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 197.

[Third Publication.]

INDIA, WEST—BOMBAY COAST.

Harnai—Red occulting light re-exhibited.

THE Bombay Government has given notice (No. 45 of 1901) that the red occulting light at Harnai has been re-exhibited from 15th May 1901.

This Notice affects the following Admiralty Charts:—Karachi to Vengurla, No. 826; Gulf of Kutch to Viziadurg, No. 2736; and Kundari to Boria Pagoda, No. 738: Also, Light List, Part VI, 1901, No. 242a.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 22nd June 1901.*

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JULY 17, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 212.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO—PULO LAUT STRAIT, NORTH ENTRANCE.

Kota Baru—Description of light.

WITH reference to Notice to Mariners No. 5, dated the 12th January last, issued by this office, the British Admiralty has given further notice (No. 413 of 1901) that the light at present exhibited from a hill near Kota Baru is *white fixed*, not flashing, as described in the above notices; it is visible in clear weather from a distance of 18 miles. It is intended that it shall eventually be a flashing light.

Approximate position, lat. 3° 14′ S., long. 116° 13½′ E.

This Notice affects the following Admiralty Charts:—Strait of Makasar, No. 2637; Pulo Laut strait on sheet No. 2662: Also, List of Lights, part VI, 1901, No. 548; and Eastern Archipelago, part II, 1893, page 307.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 213.

[First Publication.]

INDIA, WEST—MALABAR COAST.

Quilon—Intended light.

THE British Admiralty has given notice (No. 421 of 1901) that, on 1st April 1902, a *white group flashing* dioptric light, showing groups of *two flashes* every *ten seconds*, elevated 140 feet above high water, and visible in clear weather from a distance of 18 miles, will be exhibited from a grey tower erected on Tangacheri point, Quilon road.

Approximate position, lat. 8° 53′ N., long. 76° 34′ E.

Further notice will be given when information has been received that this light is exhibited.

This Notice affects the following Admiralty Charts:—Cochin to Cape Comorin, No. 2738; Vengurla to Cape Comorin, No. 827; West Coast of India, No. 750: Also, List of Lights, part VI, 1901, page 44; and West Coast of Hindustan Pilot, 1898, page 123.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 214.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH-EAST COAST.

Pulo Laut strait—Shoal—Buoyage altered.

THE British Admiralty has given notice (No. 432 of 1901) of the existence of a reef with a depth of 12 feet over it at low water in Pulo Laut strait, situated with Suangi low light bearing S. 55° W., distant 6½ cables. It is marked by a light-buoy, painted white, exhibiting a *green fixed* light.

Also, that the following alterations would be made in the buoyage during the month of May 1901:—

(*a*) The light exhibited from the light-buoy situated at a distance of about 4 cables N. 85° E. from Suangi low light would be altered from white occulting to *red fixed.*

(*b*) The light exhibited from the light-buoy, about 13 cables S. 2° E. from Suangi low light would be altered from white fixed to *white occulting* every *thirty seconds.*

(*c*) The black buoy marking the northern end of the Gusong payung, about 13 cables S. 50° W. from Ayun point, would exhibit a *white occulting* light every *thirty seconds.*

Approximate position, Ayun point, lat. 3° 18′ S., long. 116° 6½′ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Plan of Pulo Laut strait, on No. 2662: Also, Eastern Archipelago, part II, 1893, pages 310, 311; and Supplement, 1899, pages 34, 35.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 215.

[First Publication.]

PACIFIC OCEAN.

Krusenstern rock—Breakers reported to the southward.

THE British Admiralty has given notice (No. 433 of 1901) that Captain C. Peterson, S.S. *Eva*, reports that his vessel passed breakers in lat. 21° 55′ N., long. 176° 5′ W., or about 35 miles south-westward of the assigned position of Krusenstern rock.

This Notice affects the following Admiralty Charts:—Pacific ocean, Nos. 2683, 782: Also, Pacific Islands, vol. III, 1900, page 244.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 216.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Wreck disappeared—Buoy removed.

WITH reference to Notice to Mariners No. 194, dated the 17th June, issued by this Office, the Port Officer, False Point, has given further notice that the wreck of the sunken cargo boat to the north of the anchorage has completely disappeared; and that the buoy marking the position has been removed.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C B BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 217.

[First Publication.]

BAY OF BENGAL—MADRAS COAST.

Armeghon light—Date of re-exhibition.

WITH reference to Notice to Mariners No. 154, dated 20th May last, issued by this Office, the Presidency Port Officer, Madras, has given further notice (No. 46 of 1901) that the light at Armeghon will be extinguished from and after the 1st February 1902 for a period of 2 months and will be re-exhibited on the 1st April 1902. During the interval a temporary fixed white light will be exhibited from the roof of light-keepers' quarters visible in all directions seaward 12 miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 218.

[First Publication.]

BAY OF BENGAL—MADRAS COAST.

Pulicat light—Date of re-exhibition.

WITH reference to Notice to Mariners No. 158, dated the 20th May last, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 47 of 1901) that the light at Pulicat will be extinguished from and after 1st November 1901 for a period of two months and will be re-exhibited on the 1st January 1902. During the interval a temporary fixed white light will be exhibited from the roof of light-keepers' quarters visible in all directions seaward ten miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 219.

[First Publication.]

BAY OF BENGAL—MADRAS COAST.

Vakalapudi light—Date of re-exhibition.

WITH reference to Notice to Mariners No. 153, dated the 20th May last, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 48 of 1901) that the Vakalapudi light will be extinguished from and after from the 15th November 1901 for a period of two months and will be re-exhibited on the 15th January 1902. During the interval a temporary fixed white light will be exhibited from the existing tower.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 220.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—Exhibition of Devil's hole, Choki point, and Western Channel, leading lights.

THE following Notice to Mariners (No. 55 of 1901) issued by the Bombay Government is republished :—

Information has been received from the Port Officer, Rangoon, dated 21st June 1901, that the following leading lights have been established in the Rangoon river :—

Devil's Hole leading lights, three in number, have been placed on the east bank of the Rangoon river a little below the north beacon, the front light being due west of the beacon, one ball red mast 1¾ cables and the rear light 132 feet from it on the line of bearing, which is N. 11° E., and another front light being S. 30° E. two cables from north beacon and the rear light 100 feet from it on the line of bearing, which is S. 61° E.

2. Two leading lights have been placed at Choki Point, the front light being N. 33° W. 1¼ cables from the mouth of the small creek below 'Tide Gauge' and the rear light is 200 feet apart from it, the bearing of leading line being N. 33° W.

3. Western Channel Choki leading lights have been placed on the west bank of the river above D'Silva Point, the front light being due east touching the square board and the rear light 133 feet apart on the line of bearing, which is S. 8° E.

Alteration in position of the Elephant Point Tide Gauge.

The Elephant Point tide gauge has been shifted 1¾ cables S. 13° E. (magnetic) from its former position.

The Fishing Village tide gauge is just above the mouth of the Ta-ti-ki Chaung on the low water line 100 feet below the fish trap just above the creek.

The Crossing Creek tide gauge is 200 feet north of the north point of the crossing creek.

All the tide gauges in the river, with the exception of the Crossing Creek tide gauge, have the same zero, viz., low water spring tides of the dry season.

The zero of the Crossing Creek tide gauge is 8 inches too high and will be corrected.

This Notice affects the Admiralty Chart :—Rangoon River and approaches, No. 833 ; Bay of Bengal Pilot, 1892, page 325 ; and List of Lights, Part VI, 1901, page 62.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 221.

[First Publication.]

AUSTRALIA, SOUTH—APPROACH TO SPENCER GULF AND INVESTIGATOR STRAIT.

Neptune island lighthouse.

WITH reference to Notice to Mariners No. 161, dated 20th May last, issued by this office, the President, Marine Board, Port Adelaide, has given notice (No. 18 of 1901) that the proposed light on the South Neptune Island will probably be exhibited about 1st November 1901. The structure will be made of braced wrought iron, painted red, and situated on the highest point of the most Southern Island, in lat. 35° 20′ 10″ S., long. 136° 6′ 45″ E. (approx.). The light is to be of the second order, revolving once in fifty (50) seconds, and showing all round the horizon a group of three (3) white flashes at intervals of ten (10) seconds and an eclipse of thirty (30) seconds; that is to say, the first two flashes and eclipses will occupy ten (10) seconds each, and the third flash and eclipse thirty (30) seconds. Its focal plane will be one hundred and seventy-nine (179) feet above high-water mark, and it will be visible from a vessel's deck for a distance of about twenty (20) miles in clear weather. The cottages and stores, which will be built on the north side of the island, are to be composed of granite with roofs of red tiles, and will not be visible from the southern side.

This affects Admiralty Chart No. 2389.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 15th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 198.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACHES.

Reported reef north-west of Cook reef.

THE Port Master, Brisbane, has given notice (No. 11 of 1901) of the existence of a reef about 8 miles N.N.W. from Cook Reef in approximately—

Latitude ... ... 10° 15′ South
Longitude ... ... 140° 30′ East.

The reef is one-third (⅓) mile in length and two hundred (200) yards in breadth.

Chart affected—No. 447, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—(No. 199.)

[Second Publication.]

INDIA, WEST—BOMBAY COAST.

Buoys between Alibag and Vengurla removed for the South-west Monsoon.

THE Bombay Government has given notice (No. 50 of 1901) that the undermentioned buoys between Alibag and Vengurla were removed from their positions for the South-west Monsoon on the dates noted against them.

Alibag Buoy ...	... on 21st May 1901.
Bankot Buoys ...	on 19th " "
Anjanwel Buoy ...	... on 15th " "
Ambulgad Reef Buoy (Jaitapur)	... on 18th " "
Chaldea Rock Buoy ...	... on 16th " "
Malvan Outer Rock Buoy	... on 18th " "
Johnstone Castle Buoy	... on 19th " "
Malvan Harbour Buoys	... on 18th " "

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 200.

[Second Publication.]

AUSTRALIA—VICTORIA.

Port Phillip, west channel—Shoals formed.

THE British Admiralty has given notice (371 of 1901) that shoal patches, with a depth of 17 feet over them at low water, have formed in West channel, Port Phillip, between Nos. 5 and 8 buoys, distant about 150 yards from the latter.

Approximate position, latitude, 38° 14′ S.; longitude 144° 43½′ E.

This Notice affects the following Admiralty Chart:—Port Phillip, No. 2747a: Also, Australia Directory, vol. I., 1897, page 449; and Supplement, 1900, page 17.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 201.

[Second Publication.]

EASTERN ARCHIPELAGO—FLORES.

Maumari approach—Reef reported.

THE British Admiralty has given notice (No. 389 of 1901) that a reef which breaks when there is any sea, is reported to exist about 4 miles N. 7° W. from the anchorage at Maumari.

Approximate position, lat. 8° 30′ S., long. 122° 10′ E.

(*Variation 2° Easterly in 1901.*)

This notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942a: Also Eastern Archipelago, part II, 1893, page 254.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 202.

Second Publication.]

INDIA, WEST—GOA COAST.

Light—Buoy.

THE Port Officer, Murmagoa, has given notice that the red light marking the extremity of the breakwater has been suppressed, and this suppression shall continue during the S.-W. monsoon; and that the buoy marking the rock at the entrance of Murmagoa has been removed altogether.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 203.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Oyster Reef buoy adrift.

A TELEGRAPHIC communication has been received from the Port Officer, Rangoon, that the Oyster Reef buoy has broken adrift and was last seen by the light-keeper on Oyster island, drifting to the northward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 204.

[Second Publication.]

AUSTRALIA, SOUTH COAST—PORT ADELAIDE RIVER APPROACH.

Wonga shoal light—Date of exhibition—Light buoy, &c.

WITH reference to Notice to Mariners No. 115, dated 22nd April 1901, issued by this office, the British Admiralty has given further notice (No. 395 of 1901) that on 1st July 1901, a first order *white flashing* light *every thirty seconds*, visible in clear weather from a distance of 17 miles, will be exhibited from a screw pile tower, painted red with white dwelling, erected in a depth of 17 feet, on Wonga shoal. From it the green light on Semaphore jetty head bears S. 70° E., distant 13 cables, and Largs bay jetty head N. 74° E.

Approximate position, lat. 34° 50½′ S., long. 138° 27′ E.

Also, that on the same date the red buoy at the river entrance, situated 6 cables S. 46° W. from the reflecting beacon, would be replaced by a light buoy exhibiting a *white occulting* light. The revolving white light also, on the south side of the river entrance, will be discontinued and the lighthouse removed.

(*Variation 5° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—St. Vincent and Spencer gulfs, Nos. 2389a, b; port Adelaide, Nos. 1752, 1750: Also, List of Lights, part VI, 1901, No. 1070; and Australia Directory, vol. I, 1897, page 331.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 205.

[Second Publication.]

AUSTRALIA, SOUTH COAST—SPENCER GULF APPROACH.

Neptune islands—Particulars of intended light.

WITH reference to Notice to Mariners No. 82, dated 30th March 1901, issued by this office, the British Admiralty has given further notice (No. 396 of 1901) that the light it is intended to exhibit, in October next, from a lighthouse now in course of construction on the southernmost island of the South Neptune islands, Spencer gulf approach, will be a second order *white group flashing* light showing groups of *three flashes* every *fifty seconds*, thus:—flash, eclipse *ten seconds*, flash, eclipse *ten seconds*, flash, eclipse *thirty seconds*. It will be elevated 179 feet above high water, visible in clear weather from a distance of 20 miles, and shown from an iron structure, painted red, situated on the summit of the island.

Approximate position, lat. 35° 20′ S., long. 136° 7′ E.

This Notice affects the following Admiralty Charts:—Cape Catastrophe to Great Australian bight, No. 1061; Gulf of St. Vincent, &c., No. 2389a: Also, List of Lights, part VI, 1901, No. 1066a; Australia Directory, vol. I, 1897, page 169; and Supplement, 1900, page 12.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 6th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 206.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH COAST.

Barito river entrance—Alteration in buoyage.

THE British Admiralty has given notice (No. 397 of 1901) that the following alterations would be made during the month of May in the buoyage of the entrance to the Barito river:—

1. The fairway buoy (black conical), situated 5½ miles S. 28° W. from Burung point, would be replaced by a light buoy, painted black, exhibiting a *white occulting* light every *forty seconds*, thus:—light *twenty-five seconds*, eclipse *fifteen seconds*.
2. The white conical buoy, situated 3½ miles S. 62° W. from Burung point, would be replaced by a light buoy, painted white, exhibiting a *white occulting* light every *thirty seconds*, thus:—light *twenty seconds*, eclipse *ten seconds*.

The remaining buoys—viz., 4 black and 4 white—at the entrance would be withdrawn.

Approximate position, Burung point, lat. 3° 34′ S., long. 114° 30′ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941b; plan of Barito river, on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, page 296; and Supplement, 1899, page 32.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 6th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 207.

[Second Publication.]

AUSTRALIA—QUEENSLAND—PRINCESS CHARLOTTE BAY.

Wikingen shoal, and 3-fathom patch—Non-existence of—Clark bank, depth on—.

THE following Notice to Mariners (No. 400 of 1901) issued by the British Admiralty is republished:—

Information, dated 1st April 1901, has been received from Lieutenant and Commander C. E. Monro, H. M. surveying vessel *Dart*, that he had sounded over the supposed position of the Wikingen shoal in Princess Charlotte bay, without discovering any sign of danger. As this shoal has been searched for on previous occasions without success, and as it was

originally reported as being partially dry at low water, it is believed not to exist, and has consequently been expunged from the Admiralty charts.

Also, with reference to Notice to Mariners No. 393 of 1893 (210 of 1893 issued by this office) further search has been made for the coral patch reported to exist in lat. 14° 12′ S., long. 143° 55′ E., without effect. It is therefore considered that this danger is identical with the 3-fathom patch (now named Olive) situated in lat. 14° 11′ S., long. 143° 56′ 05″ E., as was stated was probably the case, in Notice to Mariners No. 813 of 1900 (No. 3 of 1901 issued by this office). The southern shoal has therefore been expunged.

Although H. M. S *Dart* closely examined Clark bank, lat. 14° 7′ S., long. 143° 56′ E., also originally reported in Notice to Mariners No. 393 of 1893, without obtaining less depths than 5 fathoms, it is probable that there is as little as 3½ fathoms on this danger, as Mr. Clark states he sounded in that depth on a pinnacle. The 3½ fathoms has therefore been inserted on the Admiralty Chart.

This Notice affects the following Admiralty Chart: -Turtle group to Claremont point, No. 2922: Also, Australia Directory, vol. II, 1898, page 384.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 208.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Toran and Niamuk islands—Beacons abolished.

THE British Admiralty has given notice (No. 402 of 1901) that the stone beacons on the islands Toran and Niamuk have fallen down and will not again be rebuilt; they should therefore be expunged from the Chart.

Approximate position, Toran island, lat. 1° 2′ S., long. 100° 10′ E.

Approximate position, Niamuk island, lat. 1° 16′ S., long. 100° 17′ E.

This Notice affects the following Admiralty Chart:—Ujong Masang to Ujong Indrapura No. 709: Also, China Sea Directory, vol. I, 1896, pages 296 and 300.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 209.

Second Publication.]

CHINA SEA—EASTERN ARCHIPELAGO.

Strait of Durian—Reef near Little Durian island.

THE British Admiralty has given notice (No. 403 of 1901) that a reef with 2 fathoms over it, and about 55 yards in diameter, has been reported by the Master of the Netherlands S.S. *Reynst* to exist in the Strait of Durian.

It is situated with the south point of South Passage island bearing S. 88° W., distant 7 cables, and the south point of Little Durian island S. 53° E.

Approximate position, lat. 0° 43′ N., long. 103° 40′ E.

(*Variation 1° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Durian, Sugi and Chombol Straits, No. 2402: Also, China Sea Directory, vol. I, 1896, page 557; and Supplement, 1899, page 42.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 210.

Second Publication.]

BAY OF BENGAL—MOULMEIN RIVER APPROACH.

Double island light—Amended arc of visibility.

NOTICE TO MARINERS (No. 405 of 1901) issued by the British Admiralty is republished.

The following information, dated 23rd March 1901, has been received from Commander T. H. Heming, R.N., in charge of the Marine Survey of India, respecting the arc of visibility of Double island light, Moulmein river approach:—

Double island light is visible from the bearing N. 8° W., through east, to S. 26° E., it is obscured from S. 26° E. to S. 17° E., and is again visible between S. 17 E. and Amherst point.

Approximate position, lat. 15° 52′ N., long. 97° 34′ E.

(*Variation 1° easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Koronge island to White point, No. 823: Also, List of Lights, part VI, 1901, No. 373; and Bay of Bengal Pilot, 1892, page 352.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 6th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 211.

Second Publication.]

INDIA, WEST—MALABAR COAST.

Shoal water between Nircum and Porkaud.

THE Master of the S.S. *Bhundara* has given notice of shoaler water than is shown on the chart, 4 miles off the coast between Nircum and Porkaud. The vessel passed Alleppey lighthouse, distance about 4¼ miles, in 8 fathoms, steering S. 16° E. mag., and when about abreast of Nircum the water suddenly shoaled from 7 to 5 fathoms, and with Porkaud S. 73° E. mag., Alleppey lighthouse N. 15° E. mag., to 4¾ fathoms, which depth was carried until Porkaud bore N. 75° E. mag. and Alleppey lighthouse N. 6° E. mag., when it suddenly deepened to 7 fathoms. Course was then altered straight for Porkaud; the water deepening to 8 fathoms, which depth was maintained for some distance, when the soundings gradually shoaled to 5½ fathoms, in which water the vessel anchored on the following bearing:—

Porkaud flagstaff N. 75° E.
Alleppey lighthouse N. 3° W. mag.

Mariners are accordingly warned.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 6th July 1901.*

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JULY 24, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 222.

[First Publication.]

AUSTRALIA,—QUEENSLAND.

North Barnard island—Light altered.

THE British Admiralty has given notice (No. 440 of 1901) that the light exhibited on North Barnard island, Mourilyan harbour approach, has been altered from white group flashing to *white fixed*, visible in clear weather from a distance of 14 miles, but that in other respects it is unchanged.

Approximate position, lat. 17° 40½′ S., long. 146° 11′ E.

This Notice affects the following Admiralty Charts:—Coral sea, No. 2763; Magnetic island Double point, No. 2349; Double point to cape Grafton, No. 2350: Also, List of Lights, Part VI, 1901, No. 1309a; and Australia Directory, vol. II, 1898, page 329.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 20th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 223.

[First Publication.]

NEW ZEALAND, NORTH ISLAND—KAIPARA HARBOUR.

Galatea channel—Decreased depth.

WITH reference to Notice to Mariners No. 61, dated 28th March 1899, issued by this office the British Admiralty has given further notice (No. 456 of 1901) that Tory shoal on the eastern side of the Galatea channel, Kaipara harbour entrance, is extending in a south-westerly direction; the red buoy formerly moored about 1 mile S. 26° E. from North Sand spit extremity has consequently been moved to a position on the leading line, from which North Sand spit bears N. 8° W., distant 9 cables; there is a depth of 3¾ fathoms westward of this buoy.

The North spit also has been gradually extending into the channel to the southward; abreast this spit, on the leading line, there is now a depth of only 4½ fathoms, the deepest water being to the eastward of the leading line.

Mariners are recommended to keep to the eastward of the leading line of beacons when crossing the bar, and to cross the leading line to the westward when half way between the bar and the outer buoy, and to keep still farther to the westward as the buoys are approached.

As those shoals may extend still more, any signals made from the semaphore or flagstaff on the sand hill at the back of the lighthouse should be promptly obeyed.

Approximate position, present extremity of North spit, lat. 36° 27¾′ S., long. 174° 1′ E.

(Variation 13° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Kaipara harbour, No. 2614: Also New Zealand Pilot (now in press).

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 20th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 212.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO—PULO LAUT STRAIT, NORTH ENTRANCE.

Kota Baru—Description of light.

WITH reference to Notice to Mariners No. 5, dated the 12th January last, issued by this office, the British Admiralty has given further notice (No. 413 of 1901) that the light at present exhibited from a hill near Kota Baru is *white fixed*, not flashing, as described in the above notices; it is visible in clear weather from a distance of 18 miles. It is intended that it shall eventually be a flashing light.

Approximate position, lat. 3° 14′ S., long. 116° 13½′ E.

This Notice affects the following Admiralty Charts:—Strait of Makasar, No. 2637; Pulo Laut strait on sheet No. 2662: Also, List of Lights, part VI, 1901, No. 548; and Eastern Archipelago, part II, 1893, page 307.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 213.

[Second Publication.]

INDIA, WEST—MALABAR COAST.

Quilon—Intended light.

THE British Admiralty has given notice (No. 421 of 1901) that, on 1st April 1902, a *white group flashing* dioptric light, showing groups of *two flashes* every *ten seconds*, elevated 140 feet above high water, and visible in clear weather from a distance of 18 miles, will be exhibited from a grey tower erected on Tangacheri point, Quilon road.

Approximate position, lat. 8° 53′ N., long. 76° 34′ E.

Further notice will be given when information has been received that this light is exhibited.

This Notice affects the following Admiralty Charts:—Cochin to Cape Comorin, No. 2738; Vengurla to Cape Comorin, No. 827; West Coast of India, No. 750: Also, List of Lights, part VI, 1901, page 44; and West Coast of Hindustan Pilot, 1898, page 123.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 214.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH-EAST COAST.

Pulo Laut strait—Shoal—Buoyage altered.

THE British Admiralty has given notice (No. 432 of 1901) of the existence of a reef with a depth of 12 feet over it at low water in Pulo Laut strait, situated with Suangi low light bearing S. 55° W., distant 6½ cables. It is marked by a light-buoy, painted white, exhibiting a *green fixed* light.

Also, that the following alterations would be made in the buoyage during the month of May 1901:—

(*a*) The light exhibited from the light-buoy situated at a distance of about 4 cables N. 85° E. from Suangi low light would be altered from white occulting to *red fixed.*

(*b*) The light exhibited from the light-buoy, about 13 cables S. 2° E. from Suangi low light would be altered from white fixed to *white occulting* every *thirty seconds.*

(*c*) The black buoy marking the northern end of the Gusong payung, about 13 cables S. 50° W. from Ayun point, would exhibit a *white occulting* light every *thirty seconds.*

Approximate position, Ayun point, lat. 3° 18′ S., long. 116° 6½′ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Plan of Pulo Laut strait, on No. 2662: Also, Eastern Archipelago, part II, 1893, pages 310, 311; and Supplement, 1899, pages 34, 35.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 215.

[Second Publication.]

PACIFIC OCEAN.

Krusenstern rock—Breakers reported to the southward.

THE British Admiralty has given notice (No. 433 of 1901) that Captain C. Peterson S.S. *Eva*, reports that his vessel passed breakers in lat. 21° 55′ N., long. 176° 5′ W., or about 35 miles south-westward of the assigned position of Krusenstern rock.

This Notice affects the following Admiralty Charts:—Pacific ocean, Nos. 2683, 782: Also, Pacific Islands, vol. III, 1900, page 244.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 216.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Wreck disappeared—Buoy removed.

WITH reference to Notice to Mariners No. 194, dated the 17th June, issued by this Office the Port Officer, False Point, has given further notice that the wreck of the sunken cargo boat to the north of the anchorage has completely disappeared; and that the buoy marking the position has been removed.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 217.

[Second Publication.]

BAY OF BENGAL—MADRAS COAST.

Armeghon light—Date of re-exhibition.

WITH reference to Notice to Mariners No. 154, dated 20th May last, issued by this Office, the Presidency Port Officer, Madras, has given further notice (No. 46 of 1901) that the light at Armeghon will be extinguished from and after the 1st February 1902 for a period of 2 months and will be re-exhibited on the 1st April 1902. During the interval a temporary fixed white light will be exhibited from the roof of light-keepers' quarters visible in all directions seaward 12 miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 218.

[Second Publication.]

BAY OF BENGAL—MADRAS COAST.

Pulicat light—Date of re-exhibition.

WITH reference to Notice to Mariners No. 158, dated the 20th May last, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 47 of 1901) that the light at Pulicat will be extinguished from and after 1st November 1901 for a period of two months and will be re-exhibited on the 1st January 1902. During the interval a temporary fixed white light will be exhibited from the roof of light-keepers' quarters visible in all directions seaward ten miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 219.

[Second Publication.]

BAY OF BENGAL—MADRAS COAST.

Vakalapudi light—Date of re-exhibition.

WITH reference to Notice to Mariners No. 153, dated the 20th May last, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 48 of 1901) that the Vakalapudi light will be extinguished from and after from the 15th November 1901 for a period of two months and will be re-exhibited on the 15th January 1902. During the interval a temporary fixed white light will be exhibited from the existing tower.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 220.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—Exhibition of Devil's hole, Choki point, and Western Channel, leading lights.

THE following Notice to Mariners (No. 55 of 1901) issued by the Bombay Government is republished:—

Information has been received from the Port Officer, Rangoon, dated 21st June 1901, that the following leading lights have been established in the Rangoon river:—

Devil's Hole leading lights, three in number, have been placed on the east bank of the Rangoon river a little below the north beacon, the front light being due west of the beacon, one ball red mast 1¾ cables and the rear light 132 feet from it on the line of bearing, which is N. 11° E., and another front light being S. 30° E. two cables from north beacon and the rear light 100 feet from it on the line of bearing, which is S. 61° E.

2. Two leading lights have been placed at Choki Point, the front light being N. 33° W 1¼ cables from the mouth of the small creek below 'Tide Gauge' and the rear light is 200 feet apart from it, the bearing of leading line being N. 33° W.

3. Western Channel Choki leading lights have been placed on the west bank of the river above D'Silva Point, the front light being due east touching the square board and the rear light 133 feet apart on the line of bearing, which is S. 8° E.

Alteration in position of the Elephant Point Tide Gauge.

The Elephant Point tide gauge has been shifted 1¾ cables S. 13° E. (magnetic) from its former position.

The Fishing Village tide gauge is just above the mouth of the Ta-ti-ki Chaung on the low water line 100 feet below the fish trap just above the creek.

The Crossing Creek tide gauge is 200 feet north of the north point of the crossing creek.

All the tide gauges in the river, with the exception of the Crossing Creek tide gauge, have the same zero, viz., low water spring tides of the dry season.

The zero of the Crossing Creek tide gauge is 8 inches too high and will be corrected.

This Notice affects the Admiralty Chart:—Rangoon River and approaches, No. 833; Bay of Bengal Pilot, 1892, page 325; and List of Lights, Part VI, 1901, page 62.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 221.

[Second Publication.]

AUSTRALIA, SOUTH—APPROACH TO SPENCER GULF AND INVESTIGATOR STRAIT.

Neptune island lighthouse.

WITH reference to Notice to Mariners No. 161, dated 20th May last, issued by this office, the President, Marine Board, Port Adelaide, has given notice (No. 18 of 1901) that the proposed light on the South Neptune Island will probably be exhibited about 1st November 1901. The structure will be made of braced wrought iron, painted red, and situated on the highest point of the most Southern Island, in lat. 35° 20′ 10″ S., long. 136° 6′ 45″ E. (approx.). The light is to be of the second order, revolving once in fifty (50) seconds, and showing all round the horizon a group of three (3) white flashes at intervals of ten (10) seconds and an eclipse of thirty (30) seconds; that is to say, the first two flashes and eclipses will occupy ten (10) seconds each, and the third flash and eclipse thirty (30) seconds. Its focal plane will be one hundred and seventy-nine (179) feet above high-water mark, and it will be visible from a vessel's deck for a distance of about twenty (20) miles in clear weather. The cottages and stores, which will be built on the north side of the island, are to be composed of granite with roofs of red tiles, and will not be visible from the southern side.

This affects Admiralty Chart No. 2389.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 15th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 198.

[Third Publication.]

AUSTRALIA—TORRES STRAIT, WESTERN APPROACHES.

Reported reef north-west of Cook reef.

THE Port Master, Brisbane, has given notice (No. 11 of 1901) of the existence of a reef about 8 miles N.N.W. from Cook Reef in approximately—

Latitude	10° 15′ South
Longitude	140° 30′ East.

The reef is one-third (⅓) mile in length and two hundred (200) yards in breadth.

Chart affected—No. 447, and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 1st July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—(No. 199.)

[Third Publication.]

INDIA, WEST—BOMBAY COAST.

Buoys between Alibag and Vengurla removed for the South-west Monsoon.

THE Bombay Government has given notice (No. 50 of 1901) that the undermentioned buoys between Alibag and Vengurla were removed from their positions for the South-west Monsoon on the dates noted against them.

Alibag Buoy ...	... on 21st May 1901.
Bankot Buoys ...	... on 19th " "
Anjanwel Buoy ...	... on 15th " "
Ambulgad Reef Buoy (Jaitapur)	... on 18th " "
Chaldea Rock Buoy ...	... on 16th " "
Malvan Outer Rock Buoy	... on 18th " "
Johnstone Castle Buoy	... on 19th " "
Malvan Harbour Buoys	... on 18th " "

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 1st July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 200.

[Third Publication.]

AUSTRALIA—VICTORIA.

Port Phillip, west channel—Shoals formed.

THE British Admiralty has given notice (371 of 1901) that shoal patches, with a depth of 17 feet over them at low water, have formed in West channel, Port Phillip, between Nos. 5 and 8 buoys, distant about 150 yards from the latter.

Approximate position, latitude, 38° 14′ S.; longitude 144° 43½′ E.

This Notice affects the following Admiralty Chart:—Port Phillip, No. 2747a: Also, Australia Directory, vol. I., 1897, page 449; and Supplement, 1900, page 17.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 1st July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 201.

[Third Publication.]

EASTERN ARCHIPELAGO—FLORES.

Maumari approach—Reef reported.

THE British Admiralty has given notice (No. 389 of 1901) that a reef which breaks when there is any sea, is reported to exist about 4 miles N. 7° W. from the anchorage at Maumari.

Approximate position, lat. 8° 30′ S., long. 122° 10′ E.

(*Variation 2° Easterly in 1901.*)

This notice affects the following Admiralty Chart:—Eastern Archipelago, No. 942a: Also Eastern Archipelago, part II, 1893, page 254.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 1st July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 202.

[Third Publication.]

INDIA, WEST—Goa coast.

Light—Buoy.

The Port Officer, Murmagoa, has given notice that the red light marking the extremity of the breakwater has been suppressed, and this suppression shall continue during the S.-W. monsoon; and that the buoy marking the rock at the entrance of Murmagoa has been removed altogether.

E. J. Beaumont, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

Calcutta, *the 6th July 1901.*

C. B. Bayley,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 203.

[Third Publication.]

BAY OF BENGAL—Burma coast.

Oyster Reef buoy adrift.

A telegraphic communication has been received from the Port Officer, Rangoon, that the Oyster Reef buoy has broken adrift and was last seen by the light-keeper on Oyster island, drifting to the northward.

E. J. Beaumont, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

Calcutta, *the 6th July 1901.*

C. B. Bayley,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 204.

[Third Publication.]

AUSTRALIA, SOUTH COAST—Port Adelaide river approach.

Wonga shoal light—Date of exhibition—Light buoy, &c.

With reference to Notice to Mariners No. 115, dated 22nd April 1901, issued by this office, the British Admiralty has given further notice (No. 395 of 1901) that on 1st July 1901, a first order *white flashing* light *every thirty seconds*, visible in clear weather from a distance of 17 miles, will be exhibited from a screw pile tower, painted red with white dwelling, erected in a depth of 17 feet, on Wonga shoal. From it the green light on Semaphore jetty head bears S. 70° E., distant 13 cables, and Largs bay jetty head N. 74° E.

Approximate position, lat. 34° 50½′ S., long. 138° 27′ E.

Also, that on the same date the red buoy at the river entrance, situated 6 cables S. 46° W. from the reflecting beacon, would be replaced by a light buoy exhibiting a *white occulting* light. The revolving white light also, on the south side of the river entrance, will be discontinued and the lighthouse removed.

(*Variation 5° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—St. Vincent and Spencer gulfs, Nos. 2389a, b; port Adelaide, Nos. 1752, 1750: Also, List of Lights, part VI, 1901, No. 1070; and Australia Directory, vol. I, 1897, page 331.

E. J. Beaumont, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

Calcutta, *the 6th July 1901.*

C. B. Bayley,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 205.

[Third Publication.]

AUSTRALIA, SOUTH COAST—SPENCER GULF APPROACH.

Neptune islands—Particulars of intended light.

WITH reference to Notice to Mariners No. 82, dated 30th March 1901, issued by this office, the British Admiralty has given further notice (No. 396 of 1901) that the light it is intended to exhibit, in October next, from a lighthouse now in course of construction on the southernmost island of the South Neptune islands, Spencer gulf approach, will be a second order *white group flashing* light showing groups of *three flashes* every *fifty seconds*, thus:—flash, eclipse *ten seconds*, flash, eclipse *ten seconds*, flash, eclipse *thirty seconds*. It will be elevated 179 feet above high water, visible in clear weather from a distance of 20 miles, and shown from an iron structure, painted red, situated on the summit of the island.

Approximate position, lat. 35° 20′ S., long. 136° 7′ E.

This Notice affects the following Admiralty Charts:—Cape Catastrophe to Great Australian bight, No. 1061; Gulf of St. Vincent, &c., No. 2389a: Also, List of Lights, part VI, 1901, No. 1066a; Australia Directory, vol. I, 1897, page 169; and Supplement, 1900, page 12.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 6th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 206.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH COAST.

Barito river entrance—Alteration in buoyage.

THE British Admiralty has given notice (No. 397 of 1901) that the following alterations would be made during the month of May in the buoyage of the entrance to the Barito river:—

1. The fairway buoy (black conical), situated 5½ miles S. 28° W. from Burung point, would be replaced by a light buoy, painted black, exhibiting a *white occulting* light every *forty seconds*, thus:—light *twenty-five seconds*, eclipse *fifteen seconds*.
2. The white conical buoy, situated 3½ miles S. 62° W. from Burung point, would be replaced by a light buoy, painted white, exhibiting a *white occulting* light every *thirty seconds*, thus:—light *twenty seconds*, eclipse *ten seconds*.

The remaining buoys—viz., 4 black and 4 white—at the entrance would be withdrawn.

Approximate position, Burung point, lat. 3° 34′ S., long. 114° 30′ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No 941b; plan of Barito river, on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, page 296; and Supplement, 1899, page 32.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 6th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 207.

[Third Publication.]

AUSTRALIA—QUEENSLAND—PRINCESS CHARLOTTE BAY.

Wikingen shoal, and 3-fathom patch—Non-existence of—Clark bank, depth on—.

THE following Notice to Mariners (No. 400 of 1901) issued by the British Admiralty is republished:—

Information, dated 1st April 1901, has been received from Lieutenant and Commander C. E. Monro, H. M. surveying vessel *Dart*, that he had sounded over the supposed position of the Wikingen shoal in Princess Charlotte bay, without discovering any sign of danger. As this shoal has been searched for on previous occasions without success, and as it was

originally reported as being partially dry at low water, it is believed not to exist, and has consequently been expunged from the Admiralty charts.

Also, with reference to Notice to Mariners No. 393 of 1893 (210 of 1893 issued by this office) further search has been made for the coral patch reported to exist in lat. 14° 12′ S., long. 143° 55′ E., without effect. It is therefore considered that this danger is identical with the 3-fathom patch (now named Olive) situated in lat. 14° 11′ S., long. 143° 56′ 05″ E., as was stated was probably the case, in Notice to Mariners No. 813 of 1900 (No. 3 of 1901 issued by this office). The southern shoal has therefore been expunged.

Although H. M. S. *Dart* closely examined Clark bank, lat. 14° 7′ S., long. 143° 56′ E., also originally reported in Notice to Mariners No. 393 of 1893, without obtaining less depths than 5 fathoms, it is probable that there is as little as 3½ fathoms on this danger, as Mr. Clark states he sounded in that depth on a pinnacle. The 3½ fathoms has therefore been inserted on the Admiralty Chart.

This Notice affects the following Admiralty Chart:—Turtle group to Claremont point, No. 2922: Also, Australia Directory, vol. II, 1898, page 384.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 208.

[Third Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST.

Toran and Niamuk islands—Beacons abolished.

THE British Admiralty has given notice (No. 402 of 1901) that the stone beacons on the islands Toran and Niamuk have fallen down and will not again be rebuilt; they should therefore be expunged from the Chart.

Approximate position, Toran island, lat. 1° 2′ S., long. 100° 10′ E.

Approximate position, Niamuk island, lat. 1° 16′ S., long. 100° 17′ E.

This Notice affects the following Admiralty Chart:—Ujong Masang to Ujong Indrapura No. 709: Also, China Sea Directory, vol. I, 1896, pages 296 and 300.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 209.

[Third Publication.]

CHINA SEA—EASTERN ARCHIPELAGO.

Strait of Durian—Reef near Little Durian island.

THE British Admiralty has given notice (No. 403 of 1901) that a reef with 2 fathoms over it, and about 55 yards in diameter, has been reported by the Master of the Netherlands S.S. *Reynst* to exist in the Strait of Durian.

It is situated with the south point of South Passage island bearing S. 88° W., distant 7 cables, and the south point of Little Durian island S. 53° E.

Approximate position, lat. 0° 43′ N., long. 103° 40′ E.

(*Variation 1° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Durian, Sugi and Chombol Straits, No. 2402: Also, China Sea Directory, vol. I, 1896, page 557; and Supplement, 1899, page 42.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 6th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 210.

[Third Publication.]

BAY OF BENGAL—MOULMEIN RIVER APPROACH.

Double island light—Amended arc of visibility.

NOTICE TO MARINERS (No. 405 of 1901) issued by the British Admiralty is republished.

The following information, dated 23rd March 1901, has been received from Commander T. H. Heming, R.N., in charge of the Marine Survey of India, respecting the arc of visibility of Double island light, Moulmein river approach:—

Double island light is visible from the bearing N. 8° W., through east, to S. 26° E., it is obscured from S. 26° E. to S. 17° E., and is again visible between S. 17 E. and Amherst point.

Approximate position, lat. 15° 52′ N., long. 97° 34′ E.

(*Variation 1° easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Koronge island to White point, No. 823: Also, List of Lights, part VI, 1901, No. 373; and Bay of Bengal Pilot, 1892, page 352.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 6th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 211.

[Third Publication.]

INDIA, WEST—MALABAR COAST.

Shoal water between Nircum and Porkaud.

THE Master of the S.S. *Bhundara* has given notice of shoaler water than is shown on the chart, 4 miles off the coast between Nircum and Porkaud. The vessel passed Alleppey lighthouse, distance about 4¼ miles, in 8 fathoms, steering S. 16° E. mag., and when about abreast of Nircum the water suddenly shoaled from 7 to 5 fathoms, and with Porkaud S. 73° E. mag., Alleppey lighthouse N. 15° E. mag., to 4¾ fathoms, which depth was carried until Porkaud bore N. 75° E. mag. and Alleppey lighthouse N. 6° E. mag., when it suddenly deepened to 7 fathoms. Course was then altered straight for Porkaud; the water deepening to 8 fathoms, which depth was maintained for some distance, when the soundings gradually shoaled to 5½ fathoms, in which water the vessel anchored on the following bearing:—

Porkaud flagstaff N. 75° E.
Alleppey lighthouse N. 3° W. [mag:

Mariners are accordingly warned.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 6th July 1901.*

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, JULY 31, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 224.

[First Publication.]

INDIA, EAST—MADRAS COAST.

Seven Pagodas or Mahabalipuram light.

WITH reference to Notice to Mariners No. 141, dated the 7th May 1901, issued by this office, the Acting Presidency Port Officer, Madras, has given further notice (No. 51 of 1901) that the triple-flashing white light therein referred to has been exibited from the 1st July 1901 from a masonry tower on a rock at Seven Pagodas or Mahabalipuram—Latitude 12° 36′ 50″ N., Longitude 80° 11′ 30″ E. The light is 137 feet above high water and is visible 18 miles in clear weather in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 23rd July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 225.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST, SIMALUR ISLAND.

Tapak bay approach—Reef reported.

THE British Admiralty has given notice (No. 460 of 1901) that a reef, with a depth of 3½ fathoms over it, is reported to exist in the western approach to Tapak bay, situated with Pulo Sevelak bearing S. 85° W., distant 12 cables, and the east point of Pulo Tapak about S. 11° E.

Approximate position, lat. 2° 25½′ N., long. 96° 14′ E.

On the southern, eastern, and northern sides of this reef there is a depth of 10 fathoms, on the western side it shoals gradually.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Plan of Simalur island on sheet No. 2201: Also, China Sea Directory, vol. I, 1896, page 318; and Supplement, 1899, page 25.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 27th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 226.

[First Publication.]

PACIFIC OCEAN—THE PHILIPPINES, LIETE ISLAND, EAST COAST.

San Pedro and San Pablo bay—Shoal reported.

THE British Admiralty has given notice (No. 461 of 1901) of the existence of a shoal 400 yards in extent, irregular in shape, with a depth of 2 fathoms over it in San Pedro and San Pablo bay, situated with Palos reef bearing N. 85° W., distant 3 miles, and Dio island N. 32° W.

Approximate position, lat. 11° 9¾′ N., long. 125° 4¾′ E.

Depths of 10 fathoms surround this reef.

(*Variation Nil in 1901.*)

This Notice affects the following Admiralty Charts:—St. Bernardino and Mindoro straits, No. 2577; Sulu or Mindoro sea, No. 2578; San Pedro bay to Libukan islands, No. 2987: Also, Eastern Archipelago, part I, 1890, page 332.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 27th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 227.

[First Publication.]

JAPAN—SIMONOSEKI STRAIT.

Nagamura—Leading lights established.

THE British Admiralty has given notice (No. 466 of 1901) that, on 1st May 1901, unwatched leading lights for the Northern channel, Simonoseki strait, would be established at Nagamura.

The high light is *red fixed*, elevated 65 feet above high water, and visible from a distance of 13 miles from the bearing of S. 59° W. to S. 69° W.; it is shown from a square wooden tower, 15 feet high, erected on Maruyama, distant about 4½ cables N. 56° E. from the telegraph office, Saho. The light-power is 780 candles.

Approximate position, lat. 33° 57¾′ N., long. 130° 56¾′ E.

The low light is *white fixed*, elevated 40 feet above high water, and visible from a distance of 6 miles; it is shown from an iron conical tower, 46 feet high, and painted white, with masonry base erected on the beach at a distance of about eight-tenths of a cable N. 65° E. from the high light. The light-power is 40 candles.

These two lights in line S. 65° W. lead through the North channel.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Simonoseki strait, No. 532: Also, List of Lights, part VI, 1901, page 146; China Sea Directory, vol. IV, 1894, page 429; and Supplement, 1898, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 27th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 228.

[First Publication.]

JAPAN—SIMONOSEKI STRAIT, EASTERN ENTRANCE.

Danno ura light, re-exhibited.

WITH reference to Notice to Mariners No. 319, dated 7th December 1900, issued by this office, the British Admiralty has given further notice (No. 467 of 1901) that on and after 1st May 1890, Danno ura light (*white fixed*) would be re-exhibited from a tower similar in all respects to the former tower, but erected at a distance of 70 yards N.E. of its former position.

It is elevated 52 feet above high water, and visible from a distance of 6 miles from the bearing of S. 59° W., through west and north, to N. 30° E., and from N. 42° E. to N. 46° E., but obscured in other directions, the last-named arc showing over the fairway to the south-westward; in other respects the light remains unchanged.

Approximate position, lat. 33° 58½′ N., long. 130° 57¾′ E.

NOTE.—This light in line with Kanabuse beacon light (*white fixed*), N. 88° W., leads through Middle channel.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Simonoseki strait, No. 532: Also, List of Lights, part VI, 1901, No. 857; China Sea Directory, vol. IV, 1894, page 429; and Supplement, 1898, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 27th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 229.

[First Publication.]

JAPAN—NORTHERN STRAITS.

Ice, off Yezo island.

WITH reference to Notice to Mariners No. 158, dated 7th July 1901, issued by this office, the British Admiralty has given further notice (No. 468 of 1901) that further information has been received through the Commander-in-Chief, China, that the British S.S. *Tartar* encountered a large quantity of field and pack ice on 21st March 1901, off the south-east coast of Yezo island, in approximately lat. 42° 48′ N., long. 147° 9′ E.

Also that the S.S. *Ping Suey* encountered ice in this neighbourhood on 18th March 1901 in approximately lat. 43° 42′ N., long. 147° 20′ E.

Both vessels received damage from the ice when passing through the pack.

In consequence of the above reports a pecked line, extending from about 30 miles eastward of Shikotan jima, and following roughly the general trend of the coast to about 40 miles eastward of cape Yerimo, has been placed on the Charts to indicate the area within which field ice may be met with during February, March, and possibly April.

This Notice affects the following Admiralty Charts:—N. W. Pacific ocean, No. 2459; Kuril islands, No. 2405: Also, China Sea Directory, vol. IV, 1894, pages 603, 629, 630.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 27th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 230.

[First Publication.]

AUSTRALIA, WEST—KING SOUND APPROACH.

Swan point—Rock reported off—.

THE British Admiralty has given notice (No. 473 of 1901) that information, dated 14th June 1901, has been received from the Board of Trade, that the S.S. *Karrakatta* was wrecked on a rock (now named Karrakatta rock), with a depth of about 2½ fathoms over it, in the approach to King Sound, situated with the northern extremity of the islet off Swan point bearing S. 63° E., distant about three-quarters of a mile, and the western Twin island about N. 23° E.

Approximate position, lat. 16° 19½′ S., long. 123° 2′ E.

CAUTION.—The position of this rock must be considered as approximate; Swan point should be rounded with caution.

(*Variation 1° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Cape Ford to Buccaneer Archipelago, No. 1047; Buccaneer Archipelago to Bedout island, No. 1048, Hall point to cape Bertholet, No. 1052: Also, Australia Directory, vol. III, 1895, page 239.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 27th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 222.

[Second Publication.]

AUSTRALIA,—QUEENSLAND.

North Barnard island—Light altered.

THE British Admiralty has given notice (No. 440 of 1901) that the light exhibited on North Barnard island, Mourilyan harbour approach, has been altered from white group flashing to *white fixed*, visible in clear weather from a distance of 14 miles, but that in other respects it is unchanged.

Approximate position, lat. 17° 40½′ S., long. 146° 11′ E.

This Notice affects the following Admiralty Charts:—Coral sea, No. 2763; Magnetic island Double point, No. 2349; Double point to cape Grafton, No. 2350: Also, List of Lights, Part VI, 1901, No. 1309a; and Australia Directory, vol. II, 1898, page 329.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 20th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 223.

[Second Publication.]

NEW ZEALAND, NORTH ISLAND—KAIPARA HARBOUR.

Galatea channel—Decreased depth.

WITH reference to Notice to Mariners No. 61, dated 28th March 1899, issued by this office the British Admiralty has given further notice (No. 456 of 1901) that Tory shoal on the eastern side of the Galatea channel, Kaipara harbour entrance, is extending in a south-westerly direction; the red buoy formerly moored about 1 mile S. 26° E. from North Sand spit extremity has consequently been moved to a position on the leading line, from which North Sand spit bears N. 8° W., distant 9 cables; there is a depth of 3¾ fathoms westward of this buoy.

The North spit also has been gradually extending into the channel to the southward; abreast this spit, on the leading line, there is now a depth of only 4½ fathoms, the deepest water being to the eastward of the leading line.

Mariners are recommended to keep to the eastward of the leading line of beacons when crossing the bar, and to cross the leading line to the westward when half way between the bar and the outer buoy, and to keep still farther to the westward as the buoys are approached.

As those shoals may extend still more, any signals made from the semaphore or flagstaff on the sand hill at the back of the lighthouse should be promptly obeyed.

Approximate position, present extremity of North spit, lat. 36° 27¾′ S., long. 174° 1′ E.

(*Variation 13° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Kaipara harbour, No. 2614: Also New Zealand Pilot (now in press).

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 20th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No 212.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO—PULO LAUT STRAIT, NORTH ENTRANCE.

Kota Baru—Description of light.

WITH reference to Notice to Mariners No. 5, dated the 12th January last, issued by this office, the British Admiralty has given further notice (No. 413 of 1901) that the light at present exhibited from a hill near Kota Baru is *white fixed*, not flashing, as described in the above notices; it is visible in clear weather from a distance of 18 miles. It is intended that it shall eventually be a flashing light.

Approximate position, lat. 3° 14′ S., long. 116° 13½′ E.

This Notice affects the following Admiralty Charts:—Strait of Makasar, No. 2637; Pulo Laut strait on sheet No. 2662: Also, List of Lights, part VI, 1901, No. 548; and Eastern Archipelago, part II, 1893, page 307.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 13th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT

NOTICE TO MARINERS—No. 213.

[Third Publication.]

INDIA, WEST—MALABAR COAST.

Quilon—Intended light.

THE British Admiralty has given notice (No. 421 of 1901) that, on 1st April 1902, a *white group flashing* dioptric light, showing groups of *two flashes* every *ten seconds*, elevated 140 feet above high water, and visible in clear weather from a distance of 18 miles, will be exhibited from a grey tower erected on Tangacheri point, Quilon road.

Approximate position, lat. 8° 53′ N., long. 76° 34′ E.

Further notice will be given when information has been received that this light is exhibited.

This Notice affects the following Admiralty Charts:—Cochin to Cape Comorin, No. 2738; Vengurla to Cape Comorin, No. 827; West Coast of India, No. 750: Also, List of Lights, part VI, 1901, page 44; and West Coast of Hindustan Pilot, 1898, page 123.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 13th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 214.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH-EAST COAST.

Pulo Laut strait—Shoal—Buoyage altered.

THE British Admiralty has given notice (No. 432 of 1901) of the existence of a reef with a depth of 12 feet over it at low water in Pulo Laut strait, situated with Suangi low light bearing S. 55° W., distant 6½ cables. It is marked by a light-buoy, painted white, exhibiting a *green fixed* light.

Also, that the following alterations would be made in the buoyage during the month of May 1901:—

(*a*) The light exhibited from the light-buoy situated at a distance of about 4 cables N. 85° E. from Suangi low light would be altered from white occulting to *red fixed.*

(*b*) The light exhibited from the light-buoy, about 13 cables S. 2° E. from Suangi low light would be altered from white fixed to *white occulting* every *thirty seconds.*

(c) The black buoy marking the northern end of the Gusong payung, about 13 cables S. 50° W. from Ayun point, would exhibit a *white occulting* light every *thirty seconds.*

Approximate position, Ayun point, lat. 3° 18′ S., long. 116° 6½′ E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Plan of Pulo Laut strait, on No. 2662: Also, Eastern Archipelago, part II, 1893, pages 310, 311; and Supplement, 1899, pages 34, 35.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 215.

[Third Publication.]

PACIFIC OCEAN.

Krusenstern rock—Breakers reported to the southward.

THE British Admiralty has given notice (No. 433 of 1901) that Captain C. Peterson S.S. *Eva*, reports that his vessel passed breakers in lat. 21° 55′ N., long. 176° 5′ W., or about 35 miles south-westward of the assigned position of Krusenstern rock.

This Notice affects the following Admiralty Charts:—Pacific ocean, Nos. 2683, 782: Also, Pacific Islands, vol. III, 1900, page 244.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 216.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

Wreck disappeared—Buoy removed.

WITH reference to Notice to Mariners No. 194, dated the 17th June, issued by this Office the Port Officer, False Point, has given further notice that the wreck of the sunken cargo boat to the north of the anchorage has completely disappeared; and that the buoy marking the position has been removed.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 217.

[Third Publication.]

BAY OF BENGAL—MADRAS COAST.

Armeghon light—Date of re-exhibition.

WITH reference to Notice to Mariners No. 154, dated 20th May last, issued by this Office, the Presidency Port Officer, Madras, has given further notice (No. 46 of 1901) that the light at Armeghon will be extinguished from and after the 1st February 1902 for a period of 2 months and will be re-exhibited on the 1st April 1902. During the interval a temporary fixed white light will be exhibited from the roof of light-keepers' quarters visible in all directions seaward 12 miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 218.

[Third Publication.]

BAY OF BENGAL—MADRAS COAST.

Pulicat light—Date of re-exhibition.

WITH reference to Notice to Mariners No. 158, dated the 20th May last, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 47 of 1901) that the light at Pulicat will be extinguished from and after 1st November 1901 for a period of two months and will be re-exhibited on the 1st January 1902. During the interval a temporary fixed white light will be exhibited from the roof of light-keepers' quarters visible in all directions seaward ten miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 219.

[Third Publication.]

BAY OF BENGAL—MADRAS COAST.

Vakalapudi light—Date of re-exhibition.

WITH reference to Notice to Mariners No. 153, dated the 20th May last, issued by this office, the Presidency Port Officer, Madras, has given further notice (No. 48 of 1901) that the Vakalapudi light will be extinguished from and after from the 15th November 1901 for a period of two months and will be re-exhibited on the 15th January 1902. During the interval a temporary fixed white light will be exhibited from the existing tower.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 13th July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 220.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river—Exhibition of Devil's hole, Choki point, and Western Channel, leading lights.

THE following Notice to Mariners (No. 55 of 1901) issued by the Bombay Government is republished:—

Information has been received from the Port Officer, Rangoon, dated 21st June 1901, that the following leading lights have been established in the Rangoon river:—

Devil's Hole leading lights, three in number, have been placed on the east bank of the Rangoon river a little below the north beacon, the front light being due west of the beacon, one ball red mast 1¾ cables and the rear light 132 feet from it on the line of bearing, which is N. 11° E., and another front light being S. 30° E. two cables from north beacon and the rear light 100 feet from it on the line of bearing, which is S. 61° E.

2. Two leading lights have been placed at Choki Point, the front light being N. 33° W, 1¼ cables from the mouth of the small creek below 'Tide Gauge' and the rear light is 200 feet apart from it, the bearing of leading line being N. 33° W.

3. Western Channel Choki leading lights have been placed on the west bank of the river above D'Silva Point, the front light being due east touching the square board and the rear light 133 feet apart on the line of bearing, which is S. 8° E.

Alteration in position of the Elephant Point Tide Gauge.

The Elephant Point tide gauge has been shifted 1¾ cables S. 13° E. (magnetic) from its former position.

The Fishing Village tide gauge is just above the mouth of the Ta-ti-ki Chaung on the low water line 100 feet below the fish trap just above the creek.

The Crossing Creek tide gauge is 200 feet north of the north point of the crossing creek.

All the tide gauges in the river, with the exception of the Crossing Creek tide gauge, have the same zero, viz., low water spring tides of the dry season.

The zero of the Crossing Creek tide gauge is 8 inches too high and will be corrected.

This Notice affects the Admiralty Chart:—Rangoon River and approaches, No. 833; Bay of Bengal Pilot, 1892, page 325; and List of Lights, Part VI, 1901, page 62.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 13th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 221.

[Third Publication.]

AUSTRALIA, SOUTH—APPROACH TO SPENCER GULF AND INVESTIGATOR STRAIT.

Neptune island lighthouse.

WITH reference to Notice to Mariners No. 161, dated 20th May last, issued by this office, the President, Marine Board, Port Adelaide, has given notice (No. 18 of 1901) that the proposed light on the South Neptune Island will probably be exhibited about 1st November 1901. The structure will be made of braced wrought iron, painted red, and situated on the highest point of the most Southern Island, in lat. 35° 20′ 10″ S., long. 136° 6′ 45″ E. (approx.). The light is to be of the second order, revolving once in fifty (50) seconds, and showing all round the horizon a group of three (3) white flashes at intervals of ten (10) seconds and an eclipse of thirty (30) seconds; that is to say, the first two flashes and eclipses will occupy ten (10) seconds each, and the third flash and eclipse thirty (30) seconds. Its focal plane will be one hundred and seventy-nine (179) feet above high-water mark, and it will be visible from a vessel's deck for a distance of about twenty (20) miles in clear weather. The cottages and stores, which will be built on the north side of the island, are to be composed of granite with roofs of red tiles, and will not be visible from the southern side.

This affects Admiralty Chart No. 2389.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 15th July 1901.*

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, AUGUST 7, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 231.

[First Publication.]

AUSTRALIA—PORT CURTIS.

Buoy replaced by a punt.

THE Port Master, Brisbane, has given notice (No. 12 of 1901) that the buoy hitherto marking the Rich Rock, abreast Barney Point, Port Curtis, has been replaced by a Punt painted red, and showing a fixed white light at night.

Chart affected—No. 345, 1900; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 3rd August 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 232.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH COAST.

Barito river entrance—Fairway buoy replaced by light-vessel.

WITH reference to Notice to Mariners No. 206, dated the 6th July, issued by this office the British Admiralty has given further notice (No. 485 of 1901) that during the latter half of this year the fairway light-buoy at the entrance to the Barito river, exhibiting a white occulting light and situated 5½ miles S. 28° W. from Burung point, would be replaced by a light-vessel, painted red, exhibiting a *white occulting* light every *forty seconds*, thus:—light, *twenty-five seconds;* eclipse, *fifteen seconds*, and visible from a distance of 10 miles.

Approximate position, lat. 3° 38½′ S., long. 114° 27½′ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941b; plan of Barito river, on sheet No. 2662: Also, List of Lights, part VI, 1901, page 92; Eastern Archipelago, part II, 1893, page 296, and Supplement, 1899, page 32.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 3rd August 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 233.

[First Publication.]

JAPAN—NIPON, SOUTH COAST.

Rocks reported.

THE British Admiralty has given notice (No. 494 of 1901) of the existence of the undermentioned rocks on the south coast of Nipon in the following positions:—

1. A rock, named Murobirashi, at the entrance to Mura harbour, with a depth of 3½ fathoms over it, situated with Tarso saki extremity bearing S. 65° E., distant 4 cables, and western extremity of Kadzura N. 4° W.

   Approximate position, lat. 34° 17′ N., long. 136° 41′ E.

2. A rock, named Nemarunoshima, in the northern approach to Owasi bay, with a depth of 6 fathoms over it, situated with Futa mata summit bearing N. 45° W., distant 3½ cables, and O sima summit N. 45° E.
3. A rock, named Hirase, in Owasi bay, with a depth of 5 feet over it, situated with Warukami shima summit bearing N. 28° W., distant 5$\frac{2}{10}$ cables, and Kenashi iwa S. 73° E.

   Approximate position, lat. 34° 4½′ N., long. 136° 15′ E.

4. A rock, named Sabaze, in the approach to Miwasaki bay, with a depth of 3¾ fathoms over it, situated with Mitarai saki bearing N. 27° W., distant 8½ cables, and Ko shima centre S. 70° W.

   Approximate position, lat. 33° 41′ N., long. 136° 0½′ E.

5. A rock, named Hachimandashi, with a depth of 5 fathoms over it, situated with Ko shima bearing N. 20° W., distant 9 cables, and the islet off the north-east point of Uguimura (called Yamato shima) S. 61° W.
6. A rock, with a depth of 5 feet over it, situated with Yamato shima bearing N. 22° E., distant 6 cables, and the point about 5 cables to the southward of Uguimura S. 68° W.

   Approximate position, lat. 33° 39¼′ N., long. 135° 59¾ E.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Owasi bay to Takamatsu, No. 952; Kii channel to Owasi bay, No. 356; plan of Owasi bay on sheet No. 356; Mura and Goza bays, No. 994: Also, China Sea Directory, vol. IV, 1894, pages 276, 270, 267.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 3rd August 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 224.

[Second Publication.]

INDIA, EAST—MADRAS COAST.

Seven Pagodas or Mahabalipuram light.

WITH reference to Notice to Mariners No. 141, dated the 7th May 1901, issued by this office, the Acting Presidency Port Officer, Madras, has given further notice (No. 51 of 1901) that the triple-flashing white light therein referred to has been exibited from the 1st July 1901 from a masonry tower on a rock at Seven Pagodas or Mahabalipuram—Latitude 12° 36′ 50″ N., Longitude 80° 11′ 30″ E. The light is 137 feet above high water and is visible 18 miles in clear weather in all directions seaward.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 23rd July 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 225.

[Second Publication.]

EASTERN ARCHIPELAGO—SUMATRA, WEST COAST, SIMALUR ISLAND.

Tapak bay approach—Reef reported.

THE British Admiralty has given notice (No. 460 of 1901) that a reef, with a depth of 3½ fathoms over it, is reported to exist in the western approach to Tapak bay, situated with Pulo Sevelak bearing S. 85° W., distant 12 cables, and the east point of Pulo Tapak about S. 11° E.

Approximate position, lat. 2° 25½′ N., long. 96° 14′ E.

On the southern, eastern, and northern sides of this reef there is a depth of 10 fathoms on the western side it shoals gradually.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Plan of Simalur island on sheet No. 2201: Also, China Sea Directory, vol. I, 1896, page 318; and Supplement, 1899, page 25.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 27th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 226.

[Second Publication.]

PACIFIC OCEAN—THE PHILIPPINES, LIETE ISLAND, EAST COAST.

San Pedro and San Pablo bay—Shoal reported.

THE British Admiralty has given notice (No. 461 of 1901) of the existence of a shoal 400 yards in extent, irregular in shape, with a depth of 2 fathoms over it in San Pedro and San Pablo bay, situated with Palos reef bearing N. 85° W., distant 3 miles, and Dio island N. 32° W.

Approximate position, lat. 11° 9¾′ N., long. 125° 4¾′ E.

Depths of 10 fathoms surround this reef.

(*Variation Nil in 1901.*)

This Notice affects the following Admiralty Charts:—St. Bernardino and Mindoro straits, No. 2577; Sulu or Mindoro sea, No. 2578; San Pedro bay to Libukan islands, No. 2987: Also, Eastern Archipelago, part I, 1890, page 332.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 27th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 227.

[Second Publication.]

JAPAN—SIMONOSEKI STRAIT.

Nagamura—Leading lights established.

THE British Admiralty has given notice (No. 466 of 1901) that, on 1st May 1901, unwatched leading lights for the Northern channel, Simonoseki strait, would be established at Nagamura.

The high light is *red fixed*, elevated 65 feet above high water, and visible from a distance of 13 miles from the bearing of S. 59° W. to S. 69° W.; it is shown from a square wooden tower, 15 feet high, erected on Maruyama, distant about 4½ cables N. 56° E. from the telegraph office, Saho. The light-power is 780 candles.

Approximate position, lat. 33° 57¾′ N., long. 130° 56¾′ E.

The low light is *white fixed*, elevated 40 feet above high water, and visible from a distance of 6 miles; it is shown from an iron conical tower, 46 feet high, and painted white,

with masonry base erected on the beach at a distance of about eight-tenths of a cable N. 65° E. from the high light. The light-power is 40 candles.

These two lights in line S. 65° W. lead through the North channel.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Simonoseki strait, No. 532: Also, List of Lights, part VI, 1901, page 146; China Sea Directory, vol. IV, 1894, page 429; and Supplement, 1898, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 27th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 228.

[Second Publication.]

JAPAN—SIMONOSEKI STRAIT, EASTERN ENTRANCE.

Danno ura light, re-exhibited.

WITH reference to Notice to Mariners No. 319, dated 7th December 1900, issued by this office, the British Admiralty has given further notice (No. 467 of 1901) that on and after 1st May 1890, Danno ura light (*white fixed*) would be re-exhibited from a tower similar in all respects to the former tower, but erected at a distance of 70 yards N.E. of its former position.

It is elevated 52 feet above high water, and visible from a distance of 6 miles from the bearing of S. 59° W., through west and north, to N. 30° E., and from N. 42° E. to N. 46° E., but obscured in other directions, the last-named arc showing over the fairway to the south-westward; in other respects the light remains unchanged.

Approximate position, lat. 33° 58½′ N., long. 130° 57¾′ E.

NOTE.—This light in line with Kanabuse beacon light (*white fixed*), N. 88° W., leads through Middle channel.

(*Variation 4° Westerly in 1901.*)

This Notice affects the following Admiralty Chart:—Simonoseki strait, No. 532: Also, List of Lights, part VI, 1901, No. 857; China Sea Directory, vol. IV, 1894, page 429; and Supplement, 1898, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 27th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 229.

[Second Publication.]

JAPAN—NORTHERN STRAITS.

Ice, off Yezo island.

WITH reference to Notice to Mariners No. 158, dated 7th July 1901, issued by this office, the British Admiralty has given further notice (No. 468 of 1901) that further information has been received through the Commander-in-Chief, China, that the British S.S. *Tartar* encountered a large quantity of field and pack ice on 21st March 1901, off the south-east coast of Yezo island, in approximately lat. 42° 48′ N., long. 147° 9′ E.

Also that the S.S. *Ping Suey* encountered ice in this neighbourhood on 18th March 1901 in approximately lat. 43° 42′ N., long. 147° 20′ E.

Both vessels received damage from the ice when passing through the pack.

In consequence of the above reports a pecked line, extending from about 30 miles eastward of Shikotan jima, and following roughly the general trend of the coast to about 40 miles eastward of cape Yerimo, has been placed on the Charts to indicate the area within which field ice may be met with during February, March, and possibly April.

This Notice affects the following Admiralty Charts:—N. W. Pacific ocean, No. 2459; Kuril islands, No. 2405: Also, China Sea Directory, vol. IV, 1894, pages 603, 629, 630.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 27th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 230.

[Second Publication.]

AUSTRALIA, WEST—King Sound approach.

Swan point—Rock reported off—.

The British Admiralty has given notice (No. 473 of 1901) that information, dated 14th June 1901, has been received from the Board of Trade, that the S.S. *Karrakatta* was wrecked on a rock (now named Karrakatta rock), with a depth of about 2½ fathoms over it, in the approach to King Sound, situated with the northern extremity of the islet off Swan point bearing S. 63° E., distant about three-quarters of a mile, and the western Twin island about N. 23° E.

Approximate position, lat. 16° 19½′ S., long. 123° 2′ E.

Caution.—The position of this rock must be considered as approximate; Swan point should be rounded with caution.

(*Variation 1° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Cape Ford to Buccaneer Archipelago, No. 1047; Buccaneer Archipelago to Bedout island, No. 1048, Hall point to cape Bertholet, No. 1052: Also, Australia Directory, vol. III, 1895, page 239.

E. J. Beaumont, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. Bayley,
Asst. Secy., Marine Department.

Calcutta, *the 27th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 222.

[Third Publication.]

AUSTRALIA,—Queensland.

North Barnard island—Light altered.

The British Admiralty has given notice (No. 440 of 1901) that the light exhibited on North Barnard island, Mourilyan harbour approach, has been altered from white group flashing to *white fixed*, visible in clear weather from a distance of 14 miles, but that in other respects it is unchanged.

Approximate position, lat. 17° 40½′ S., long. 146° 11′ E.

This Notice affects the following Admiralty Charts:—Coral sea, No. 2763; Magnetic island Double point, No. 2349; Double point to cape Grafton, No. 2350: Also, List of Lights, Part VI, 1901, No. 1309a; and Australia Directory, vol. II, 1898, page 329.

E. J. Beaumont, Comdr., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. Bayley,
Asst. Secy., Marine Department.

Calcutta, *the 20th July 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 223.

[Third Publication.]

NEW ZEALAND, NORTH ISLAND—Kaipara harbour.

Galatea channel—Decreased depth.

With reference to Notice to Mariners No. 61, dated 28th March 1899, issued by this office the British Admiralty has given further notice (No. 456 of 1901) that Tory shoal on the eastern side of the Galatea channel, Kaipara harbour entrance, is extending in a south-westerly direction; the red buoy formerly moored about 1 mile S. 26° E. from North Sand spit extremity has consequently been moved to a position on the leading line, from which North Sand spit bears N. 8° W., distant 9 cables; there is a depth of 3¾ fathoms westward of this buoy.

The North spit also has been gradually extending into the channel to the southward; abreast this spit, on the leading line, there is now a depth of only 4½ fathoms, the deepest water being to the eastward of the leading line.

Mariners are recommended to keep to the eastward of the leading line of beacons when crossing the bar, and to cross the leading line to the westward when half way between the bar and the outer buoy, and to keep still farther to the westward as the buoys are approached.

As those shoals may extend still more, any signals made from the semaphore or flagstaff on the sand hill at the back of the lighthouse should be promptly obeyed.

Approximate position, present extremity of North spit, lat. 36° 27¾′ S., long. 174° 1′ E.

(*Variation 13° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Kaipara harbour, No. 2614: Also New Zealand Pilot (now in press).

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 20th July 1901.*

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, AUGUST 14, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 234.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Black Cask buoy replaced.

WITH reference to Notice to Mariners No. 152, dated the 20th May 1901, issued by this office, the Port Officer, Chittagong, has given further notice that the black Cask buoy has been replaced in position.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 10th August 1901.*

C. B. BAYLEY,
Asst. Secy. Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 235.

[First Publication.]

INDIA, WEST—SIND COAST.

Karáchi harbour—Lighting of additional buoys—Alteration in position of the leading lights—and the position of the Hindu temple.

THE following Notice to Mariners (No. 68 of 1901) issued by the Bombay Government is republished :—

Information, dated 23rd July 1901, has been received from the Port Officer, Karáchi, that a white fixed light has been shown from the Deep Water Point buoy No. 2 (painted red).

That a fixed green light has been shown from a buoy painted red.

Position—

Bulk oil pier bears S. 77° E., south-western end of Railway Pier N. 21° E., distance $2\frac{9}{10}$ cables and from another buoy painted black.

Position—

North-western end of Merewether Pier S. 66° E., distance 1 cable.

South-western end of Erskine Wharf N. 81° E.

2. Two leading lights (red) shown from Channel Beacon in the Railway yard have been discontinued and the same are shown from a Beacon N. 16° W. 300 feet from Channel Beacon showing green light.

The heights of the above new lights are 38 and 29 feet above high water spring tides.

3. The following is the present position of the Hindu temple on Manora :—

Light-house bears S. 61° E., Port Office Flag Staff N. 55·30 E., distance $1\frac{9}{10}$ cables.

This Notice affects the following Admiralty Chart :—India, West Coast, Karáchi Harbour, No. 40.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 10th August 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 236.

[First Publication.]

EASTERN ARCHIPELAGO—SUMATRA, NORTH COAST—BERHALA STRAIT.

Louisa rock—Non-existence of—

THE British Admiralty has given notice (No. 499 of 1901) than an unsuccessful search has been made for Louisa rock, said to be situated at a distance of about 3 miles, S. 72° E., from Berhala island, Berhala strait. As this rock was originally reported as only having been seen in 1864, and has never been heard of since, it is considered not to exist; and has therefore been erased from the Charts.

Approximate position on Chart No. 1789, lat. 0° 52′ S., long. 104° 26½′ E.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts :—Banka strait to Singapore, No. 2757 ; Linga, Singkep channels, &c., 1789 : Also, China Sea Directory, vol. I, 1896, page 544 ; and Supplement, 1899, page 41.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 10th August 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 237.

[First Publication.]

JAPAN—NIPON, SOUTH COAST.

Taize ura and Katsura—Rocks reported.

THE British Admiralty has given notice (No. 496 of 1901) of the existence of the undermentioned rocks in Taize ura and Katsura and their approach in the following positions:—

1. A rock, named Kaminoyamadashi, with a depth of 1½ fathoms over it, situated with Bluff point (the south point of Tsuru shima) bearing N. 58° E., distant 6 cables, and Black rock (Katsuo shima) S. 85° E.
2. A rock, named Kamiyakushi, situated with Bluff point bearing N. 76° E., distant 4½ cables, and Black rock S. 70° E.
3. A rock, named Ajishima, with a depth of 5 feet over it, situated with the north point of Tsuru shima bearing N. 76° E., distant $4\frac{3}{10}$ cables, and Black rock S. 58° E., distant $9\frac{8}{10}$ cables.
4. A rock, with a depth of 2 feet over it, situated with north point of Tsuru shima bearing S. 88° E., distant 3 cables, and Black rock S. 51° E.
5. A rock, named Tachiotosh inookinose, situated with Tera shima centre bearing N. 41° E., and Black rock S. 70° E., distant 4 cables.
6. A rock, named Shirohai, with a depth of 2½ fathoms over it, situated with Tomio (Taji saki) bearing S. 73° W., distant $3\frac{1}{10}$ cables, and Black rock N. 20° W.
7. A rock, named Hayamadashi, with a depth of 2½ fathoms over it, situated with Tomio saki bearing S. 85° E., distant 4 cables, and Black rock N. 41° E.
8. A rock, named Komaza kidashi, with a depth of 4¼ fathoms over it, situated with Black rock bearing S. 1° E., distant $5\frac{3}{10}$ cables, and Bluff point S. 73° W.

9. A rock, named Shiinoshima, with a depth of $4\frac{1}{4}$ fathoms over it, situated with southernmost of two rocks 15 feet high bearing N. 11° W., distant $2\frac{7}{10}$ cables, and Black rock S. 41° W., distant $18\frac{1}{2}$ cables.

Approximate position, Black rock, lat. 33° 36½′ N., long. 135° 58½′ E.

(*Variation 4° Westerly in 1901.*)

NOTE.—A new edition of Chart No. 951 will be issued.

This Notice affects the following Admiralty Chart:—Kii channel to Owasi bay, No. 951: Also, China Sea Directory, vol. IV, 1894, pages 266, 267.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 10th August 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 238.

[First Publication.]

CHINA—GULF OF PE CHILI.

Tau—Rock to the northward.

THE British Admiralty has given notice (No. 497 of 1901) that the Japanese S.S. *Tsutomaru* drawing 9 feet, struck and sank on a rock about 2 miles to the northward of Sand island, Sang tau group, in the western approach to Miau tau strait, in approximately lat. 37° 50′ N., long. 120° 26′ E.

P.D. has been placed on the Charts against this rock.

This Notice affects the following Admiralty Charts:—Hongkong to Liau tung gulf, No. 1262; Pe chili and Liau tung gulfs, No. 1256; Kyau Chau bay to Miau tau strait, No. 1255: Also, China Sea Directory, vol. III, 1894, page 594.

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Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the 10th August 1901.*

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 239.

[First Publication.]

CHINA—YANG TSE KIANG APPROACH.

North channel—Midway flat buoy established.

THE British Admiralty has given notice (No. 498 of 1901) that a red conical buoy (to be known as midway flat buoy), surmounted by a diamond, has been moored in a depth of 23 feet at low-water springs, in North channel Yang tse approach, with Shaweishan lighthouse bearing N. 71° E., distant 6½ miles.

Approximate position, lat. 31° 23′ N., long. 122° 7′ E.

(*Variation 2° Westerly in 1901.*)

This Notice affects the following Admiralty Charts:—Kue Shan island to the Yang tse, No. 1199; Yang tse kiang approach, No. 1602: Also, China Sea Directory, vol. III, 1894, page 416; and Supplement, 1898, page 24.

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PACIFIC OCEAN—THE PHILIPPINES—PANAY ISLAND, NORTH COAST.

Baquiao point—Shoal to the northward.

THE British Admiralty has given notice (No. 501 of 1901) that a shoal composed of coral and rock about half a mile in extent, and with depths of 2 to 4 fathoms over it, is reported to exist about 2½ miles to the northward of Baquiao point in lat. 11° 37′ 30″ N., long. 122° 35′ 0″ E.

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 943; St. Bernadino and Mindoro straits, No. 2577: Also, Eastern Archipelago, part I, 1890, page 230.

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NOTICE TO MARINERS—No. 241.

[First Publication.]

AUSTRALIA—VICTORIA, PORT PHILLIP ENTRANCE.

Lonsdale point and Shortland bluff lights—Alterations postponed.

WITH reference to Notice to Mariners No. 15, dated 19th January last, issued by this office, the British Admiralty has given further notice (No. 505 of 1901) that the proposed alteration from fixed to occulting of Lonsdale point light, and change in the sectors of Shortland bluff lights, cannot be effected before the 1st February 1902.

Approximate position, lat. 38° 16′ S., long. 144° 40′ E.

Further Notice will be given when the alterations have been made.

This Notice affects the following Admiralty Charts:—Bass strait, Nos. 1063, 1695b; port Phillip, Nos. 1171a, 2747a: Also, List of Lights, part VI, 1901, Nos. 1109, 1110, 1111; Australia, vol. I, 1897, pages 429, 434; and Supplement, 1900, page 17.

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C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 10th August 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 242.

[First Publication.]

EASTERN ARCHIPELAGO—CELEBES, SOUTH-WEST COAST.

Makassar southern approach—Reef reported.

THE British Admiralty has given notice (No. 506 of 1901) that the Master of the S.S. *Holyrood* reports that at 1-15 P.M., 19th October 1900, in approaching Makassar from the southward, his vessel, drawing 22½ feet, grazed on a reef in lat. 5° 34′ S., long. 119° 22′ E.

As the astronomical position only is stated, and no bearings of the land given, it is assumed that this vessel struck on the 4¾ fathom patch shown on the Chart about three-quarters of a mile N. 26° W. from the alleged position of the *Holyrood's* grounding; the depth on that patch has therefore been altered on the Charts from 4¾ fathoms to 2¾ fathoms.

(*Variation 2° Easterly in 1901.*)

This Notice affects the following Admiralty Charts:—Strait of Makassar, No. 2637; Approach to Makassar, No. 1293; Also, Eastern Archipelago, part II, 1893, page 325; and Supplement, 1899, page 46.

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C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 10th August 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 243.

[First Publication.]

AUSTRALIA,—QUEENSLAND.

Grafton passage and Mourilyan harbour approach—Non-existence of shoal patches.

WITH reference to Notice to Mariners No. 260, dated 12th October 1900, issued by this office, the British Admiralty has given further notice (No. 509 of 1901) that information, dated 14th January 1901, has been received from Lieutenant and Commander C. E. Monro, H.M. surveying vessel *Dart*, that a careful but unsuccessful search had been made for the shoal soundings reported in the undermentioned places :—

(*a*) Grafton passage.—The shoal sounding of 8 fathoms reported by the Commander of H.M.S. *Torch* to be situated with summit of Fitzroy island bearing S. 31° W., and False Cape S. 60° W.

Approximate position, lat. 16° 45′ S., long. 146° 8′ E.

The soundings of 9 fathoms, situated at distances of 2 and 7½ miles respectively, about N.E. by N., from the above position.

(*b*) Mourilyan harbour approach.—The shoal of 3¼ fathoms reported by the Commander of the R.M.S. *Avoca* to be situated with Goodman rock, entrance to Mourilyan harbour, bearing S. 38° W., distant 2$\frac{3}{10}$ miles.

Approximate position, lat. 17° 34′ S., long. 146° 9½′ E.

No indication of any shoal water having been found in any of the above positions, the shoal soundings in Grafton passage, and the shoal at the entrance to Mourilyan harbour, are considered not to exist, and have in consequence been erased from the charts.

Megæra rock—Retained on charts.

NOTE.—Megæra rock.—Though three close searches have been made without finding any indication of shallow water over the area in which a danger was reported by H.M.S. *Megæra* in 1858, and by the S.S. *Karaweera* in 1899, a warning of the possibility of a small head existing in the vicinity has been left upon the Charts as "Megæra rock P.D.," situated S. 71° E., distant 6½ miles from Howick island summit (185 feet).

Approximate position, lat. 14° 33′ S., long. 145° 5½′ E.

(*Variation 6° Easterly in 1901.*)

This Notice affects the following Admiralty Charts :—Cape Grafton to Hope islands, No. 2924; Double island to cape Grafton, No. 2350; Turtle group to Claremont group, No. 2922: Also, Australia Directory, vol. II, 1898, pages 376, 331; and Supplement, 1900, pages 15, 11.

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C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, *the 10th August 1901.*

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 231.

[Second Publication.]

AUSTRALIA—PORT CURTIS.

Buoy replaced by a punt.

THE Port Master, Brisbane, has given notice (No. 12 of 1901) that the buoy hitherto marking the Rich Rock, abreast Barney Point, Port Curtis, has been replaced by a Punt painted red, and showing a fixed white light at night.

Chart affected—No. 345, 1900; and Australia Directory, vol. 2.

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